National Longitudinal Study of the High School Class of 1972
NLS-72/DMDC Military Records

Data File User's Manual

Center for Education Statistics

Office of Educational Research and Improvement
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TABLE OF CONTENTS

1. INTRODUCTION 1

1.1 The Longitudinal Studies Program at NCES 2

1.2 Relation of High School and Beyond to NLS-72 4

1.3 Overview of the NLS-72 Base Year and Follow-Up Surveys 5

1.4 DMDC Administrative Records on Military Personnel 9

1.5 Institutional Roles and Cooperation 10

2. DATA LINKAGE PROCEDURES AND CONFIDENTIALITY 13

2.1 Method of Matching 14

2.2 Quality of Matches 18

3. ORGANIZATION AND CONTENT OF THE DATA FILES 20

3.1 Identification Codes for Merging 20

3.2 Description of DMDC variables 22

3.3 Editing the NLS-72 Survey Data on Military Service 31

3.4 Construction of Event Histories from Annual Reports 33

3.5 Guide to Machine-Readable Files and the Codebook 35

4. CODEBOOK 40

Appendix A. LIST OF RELATED NLS-72 DATA FILES 78

Appendix B. RECORD LAYOUT OF THE NLS-72/DMDC MILITARY RECORDS FILE 80

Appendix C. FIPS STATE CODES AND 3-DIGIT ZIP CODES 84

Appendix D. SUBTEST APTITUDE AREAS FOR VARIOUS MENTAL TESTS 85

Appendix E. ARMED FORCES EXAMINATION AND ENTRY STATION (AFEES) CODES 86

Appendix F. MILITARY OCCUPATIONAL CODES 87

Appendix G. INTERSERVICE SEPARATION CODES 91

1. INTRODUCTION

The purpose of this user's manual is to provide the information needed to use the Defense Manpower Data Center (DMDC) military records data file in conjunction with survey data from the National Longitudinal Study of the High School Class of 1972 (NLS-72). The NLS-72/DMDC military records data file contains information about the military careers of about 1750 men in the NLS-72 sample who enlisted in the military. The information contained in this data file includes both measures recorded at the time of enlistment (such as date of entry, branch of service, term of enlistment, entry pay grade, Armed Forces Qualifying Test [AFQT] score, demographic measures, and educational attainment), and measures that change during the enlistee's military career (such as current pay grade, military occupation, and re-enlistment or separation status). When linked, the result is a unique analysis file that combines the best features of both data sources, making possible analyses of both pre-service and post-service careers of young men--information that is not available from military records alone.

To ensure that researchers are aware of the relationships among the several components of the National Longitudinal Study of the High School Class of 1972 (NLS-72), this introductory chapter presents an overview of the longitudinal studies program and the NLS-72 project, as well as an overview of the administrative records kept by the Defense Manpower Data Center (DMDC), and the institutional cooperation needed to construct this data file. Chapter 2 describes the linkage process used in preparing the

NLS-72/DMDC military records data file, the methods used to avoid compromising the privacy of the personally identifying information used in this process, and briefly discusses the degree of success achieved in matching. Chapter 3 explains the organization and content of the data files, discusses how to merge the NLS-72/DMDC military records data file with an extract of the NLS-72 data archive file, describes the variables included and the specifications for missing data, outlines the editing done on the NLS-72 survey data military variables, gives some general advice on constructing event history data from annual reports of military service, and provides a guide to the codebook. Chapter 4 consists of the codebook itself.

Additional information is included in the appendices: Appendix A contains a description of other NLS-72 data files, and Appendix B contains the record layout of the NLS-72/DMDC military records data file. Appendices C through G contain various classification codes used in the data file.

1.1 The Longitudinal Studies Program at CES

The mandate of the Center for Education Statistics (CES) includes the responsibility to "collect and disseminate statistics and other data related to education in the United States" and to "conduct and publish reports on specific analyses of the meaning and significance of such statistics" (Education Amendments of 1974--Public Law 93-380, Title V, Section 501, amending part A of the General Education Provisions Act).

Consistent with this mandate and in response to the need for policy-relevant, time-series data on a nationally representative

sample of high school students, CES instituted the National Education Longitudinal Studies (NELS) program, a continuing long-term project. The general aim of the NELS program is to study longitudinally the educational, vocational, and personal development of high school students and the personal, familial, social, institutional, and cultural factors that may affect that development.

The NELS program was planned to utilize time-series data bases in two ways: (1) each cohort is surveyed at regular intervals over a span of years, and (2) comparable data are obtained from successive cohorts, permitting studies of trends relevant to educational and career development and societal roles. The NELS program consists of three major studies: The National Longitudinal Study of the High School Class of 1972 (NLS-72), the High School and Beyond (HS&B) national study of sophomore and senior classes beginning in 1980, and the National Education Longitudinal Study of 1988 (NELS:88) that will begin with a class of eighth grade students.

The first, NLS-72, was designed to inform federal policy in the decade of the 1970s. NLS-72 began with the collection of comprehensive base year data from high school seniors in the spring of 1972. Follow-up surveys were conducted in the fall and winter of 1973, 1974, 1976, 1979, and 1986. Postsecondary educational transcripts for those in the sample who obtained further schooling or training after high school were collected in 1984.

The second, HS&B, was designed to inform federal and state policy in the decade of the 1980s. HS&B began in 1980 with the

collection of base year data on high school seniors and sophomores. Follow-ups surveys were conducted in the spring of 1982, 1984, and 1986. Postsecondary financial aid records and educational transcripts for those in the sample who obtained further schooling or training after high school were collected in 1984.

The third, NELS:88, was designed to inform federal and state policy in the decade of the 1990s. NELS:88 will begin in 1988 with the collection of base year data on eighth grade students. Follow-up surveys are planned at two-year intervals. Educational transcripts will be obtained after this cohort completes high school in 1992.

1.2 Relation of High School and Beyond to NLS-72

High School and Beyond was designed to build on the NLS-72 in three ways. First, the base year of HS&B included a 1980 cohort of high school seniors that was directly comparable to the 1972 cohort. Replication of selected 1972 student questionnaire items and test items makes it possible to analyze changes that have occurred since 1972 and their relationship to recent federal policies and programs in education. Second, the introduction of a sophomore cohort provides data on the many critical educational and vocational choices made between the sophomore and senior years in high school, permitting a fuller understanding of the secondary school experience and its impact on students. Finally, HS&B has expanded the NLS-72 focus by collecting data on a broader range of life cycle factors, such as family-formation behavior, intellectual development, and social participation.

The design of the HS&B will permit a similar project to the present one; that is, DMDC military administrative records can be linked to the HS&B sophomore or senior cohorts.

1.3 Overview of the NLS-72 Base Year and Follow-up Surveys

The sample for the NLS-72 study was designed in two stages. The first stage consisted of a stratified national probability sample of secondary schools drawn from a list of all schools, public and private, in the 50 states and the District of Columbia, that contained twelfth graders during the 1971-72 school year. The school sample was divided into 600 strata using the following variables: public or nonpublic type of control, four geographic regions, three sizes of grade 12 enrollment, three distances from institutions of higher learning, eight categories of percent of minority group enrollment, eleven categories of community income level, and ten categories of degree of urbanization. Among these stratifying variables, two were used to include schools in the sample with probabilities higher than their occurrence in the population to allow for study of certain types of students: students from low-income communities and students from schools with high proportion of minority group enrollment.*

The school participation rate was high. Two schools were

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*Detailed information about the base-year sample can be found in the Westat report on sample design for the base year: "Sample Design for the Selection of a Sample of Schools with Twelfth-Graders for a Longitudinal Study," Rockville: WESTAT, Inc., June 1972. Summary sampling information is contained in the Base-Year (1972) through Fourth Follow-Up (1979) Data File Users Manual, Research Triangle Institute, June 1981.

selected in each stratum to be in the primary sample of 1200 schools. After substitution of other schools in the same stratum for schools that did not initially participate, the number of high schools agreeing to participate in the base year survey reached 948. Because the base year survey was late getting into the field, many high schools were too close to the end of the school year to participate in the NLS-72 base-year survey. In 1973, the non-participating schools were recontacted and asked to provide lists of their 1972 seniors. As a result, another 205 schools (combined primary sample total, 1153 schools) participated in the resurvey effort.

In both the base year and resurvey efforts, other schools from the same stratum were used as substitute selections if one or both of the primary schools did not participate. This substitution procedure, after the later participation of the schools originally selected, resulted in the inclusion of an additional 165 schools (combined sample total, 1318 high schools.

School questionnaires were mailed to the school administrators in the base year. The school administrators were asked to conduct the testing, administer the questionnaires, fill in the student record information forms, and complete the school survey form. The resurvey schools were asked to fill in the school questionnaire and the student record information form later, prior to the 1973 first follow-up survey.

The school questionnaire provided information about enrollment, staff, educational programs, facilities and services, time scheduling, grading systems, and special programs for disadvantaged students. The counselor questionnaire provided information

on work loads, counseling practices and facilities, experience with student financial aid programs, and the social background and experience of the counselors.

In the second stage of the NLS-72 study design, 18 seniors in each school were randomly selected from school enrollment lists (in schools with fewer than 18 seniors, all eligible students were included). Of the 19,001 seniors selected to participate in the base year survey, 16,683 students (88 percent) completed a base year questionnaire. The size of the sample was expanded by 4,450 students to 23,451 using the lists of 1972 seniors provided by the newly participating high schools during the resurvey effort of the 1973 first follow-up. The expanded NLS-72 data file consists of 22,652 former 1972 seniors who completed at least one of the five base-year or follow-up survey forms.

The NLS-72 seniors were asked to complete five follow-up surveys in the fourteen years following the base year survey. These surveys were conducted in the fall and winter of 1973, 1974, 1976, 1979, and 1986. The survey administration for the NLS-72 students utilized two basic methods of data collection: group administration of questionnaires and tests to the senior cohort in the base year survey, and mailed questionnaires in the follow-up surveys, with personal and telephone interviews of former seniors who did not initially respond to the mailed questionnaire. Intensive tracing efforts have been quite successful: 83 percent of the base year sample and 85 percent of

the first follow-up sample responded to the 1979 fourth follow-up survey.

The base year student questionnaire focused on individual and family background, high school experiences, work experiences, and plans for the future. The resurvey students (those added to the base year sample during the first follow-up) were asked to fill in a few extra retrospective questions about their background. Subsequently, these resurvey students were treated like all the other sample members, except they did not have test scores and certain other base year information available. Cognitive tests administered to seniors measured both verbal and quantitative abilities, as well as measuring abstract and nonverbal abilities.* The same test items were later used in the HS&B survey. Of the 194 test items administered to the HS&B senior cohort in the base year, 86 percent were identical to those given to the NLS-72 base year respondents.

School personnel completed the student's school record information form after reviewing the sample student's high school records. This form collected information on the student's grade average, rank in class, SAT or ACT scores (if available), number of semesters of course work taken in various subject matter areas, and participation in various Federal programs.

Each follow-up survey asked the former 1972 seniors about

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*For an assessment of the cognitive tests, see William B. Fetters and Frances R. Melone, "An Examination of the Value of 1972 Tests Scheduled to be Omitted from the HS&B Battery," CES, December 1978, and Final Report: the Base Year Survey of the National Longitudinal Study of the High School Class of 1972, Princeton: Educational Testing Service, June 1973.

their activities, educational attainments, school experiences, work experiences, goals and attitudes, marital and family status, and military experiences. The military experience section asked for basic information (such as term and branch of service, current pay grade and occupational specialty) and for information on training received while on duty and for career plans for the period after leaving the armed forces.

1.4 DMDC Administrative Records on Military Personnel

The Defense Manpower Data Center maintains administrative records on a complete census, not simply a statistical sample, of members and former members of the United States Armed Services. DMDC maintains three types of data files of interest in the present context, corresponding to three phases of military service: Applicant/Accession files, for those who apply to enter, or are inducted into the military; Master files, for those who serve on active duty; and Loss files, for those who leave military service. Each type of file is updated at periodic intervals, and the files for earlier periods are maintained. However, once members of the armed forces leave military service, no further information is available on their activities.

These three types of files provide a variety of items of information about military careers. The Applicant/Accession files include geographic, demographic, and educational attainment measures at the time of enlistment, as well as the date of entry, branch of service, term of enlistment, entry pay grade, and Armed Forces Qualifying Test (AFQT) percentile score. The Master files include the current pay grade (at the time the file was updated)

and the time it was attained, military occupation, and the date of latest enlistment or re-enlistment. The Loss files also include the current pay grade and date of attainment, as well as the reason for separation and eligibility for re-enlistment.

Unlike the DMDC records, the NLS-72 project continues to track the activities of its sample of former 1972 seniors, even after military service. Because the DMDC files contain information on every member of the population who has served in the military, it was possible to find records for each member of the NLS-72 survey sample who ever entered the military. The additional information from the DMDC records, in combination with the follow-up survey data obtained by the NLS-72 project, provides a rich basis for policy analysis of military human resource issues.

1.5 Institutional Roles and Cooperation

The research potential of survey data bases like the NLS-72 can sometimes be expanded by linking them with governmental administrative files. For example, the Current Population Survey has been linked with administrative files maintained by both the Internal Revenue Service and the Social Security Administration. The idea for a linkage between the NLS-72 survey data and the DMDC administrative records grew out of a need to analyze aspects of personnel performance during and after military careers that could not adequately be treated using existing data sets. Zahava Doering of DMDC and Dennis Carroll of CES observed that if both files could be linked by Social Security numbers (SSNs), some important analyses could be performed that would otherwise not be

possible with any existing data. This basic idea required the cooperation of several organizations.

The linkage idea was then formalized in a memorandum of understanding between CES and DMDC, specifying first, that DMDC would extract the appropriate records from the DMDC administrative files and provide the funding for an analysis contract for the combined NLS-72/DMDC data, and second, that CES would provide a list of social security numbers for the extraction process, link the DMDC data with the NLS-72 data, contract for an analysis of the combined NLS-72/DMDC data, provide a programmer/ analyst for the analysis contract, and deliver to DMDC a copy of the NLS-72 data file and the NLS-72/DMDC military records data file.

Since social security numbers are personally identifying information that must be kept confidential, a process had to be worked out to protect the privacy of the NLS-72 sample members. CES does not in fact have access to these SSNs; they are maintained by contractor personnel as a legally defined "system of records." Notice was published in the Federal Register on October 1, 1975, establishing the Research Triangle Institute of North Carolina (RTI), CES principal data collection contractor for the NLS-72 project, as the legal custodian of the system of records.

In order to link the military records with NLS-72 data, CES contracted with RTI for two services: first, to provide a list of names and SSNs to DMDC and second, after DMDC extracted the military data for that list, to replace the SSNs in the DMDC extract file with NLS-72 identification codes for merging with CES data. RTI senior managers reviewed the contracted procedures

to ensure that this process did not compromise the privacy of the respondent's identities.

In order to use the combined NLS-72/DMDC data, CES contracted with Mathematica Policy Research, Inc. (MPR), for an analysis of human resource policy issues. In the early stages of the contract, MPR analysts specified which items of information available in the DMDC Accession, Master, and Loss files would be most appropriate for analytic purposes. These items then become the variables that DMDC extracted for each person (identified by name and SSN) on the list provided by RTI.

In the later stages of the project, MPR analysts specified how the NLS-72/DMDC military records data file should be edited and then conducted the analysis. CES provided much of the programming needed for the analysis, as well as software and expert consulting needed for event-history analysis, the most appropriate method for analysis of longitudinal processes that develop over a period of time. The MPR analysis is reported in a volume entitled An Analysis of the Success of High School Graduates in the Military.

2. DATA LINKAGE PROCEDURES AND CONFIDENTIALITY

In very general terms, the crucial data items that are essential to link survey data and administrative records are such personally identifying items as names, addresses, birthdates, and social security numbers for individuals, school names and addresses, employer names and addresses, and job titles and duties. Without this kind of detailed, yet often sensitive and private information, a unique, one-to-one linkage is impossible. Two important issues arise in linking the data: first, legal and ethical restrictions and second, problems of obtaining cooperation of the respondents and the institutions that maintain the records. In the present case, where CES and DMDC wanted to link NLS-72 survey data and data from military administrative records, similar issues arose.

The legal and ethical restrictions arose from the following considerations. Linking different kinds of administrative records about entire populations became a technical possibility with the advent of the computer age. The potential for abuse brought about legislative responses, including the requirements of the Family Educational Rights in Privacy Act and other laws and regulations. As governmental agencies, CES and DMDC must obey these requirements.

Ethical problems can also arise for researchers if data collected for research purposes can be used for adverse administrative actions against individuals who furnished such information to survey personnel and were promised confidentiality. The NLS-72 sample members were given the following promises:

"All of the information that you provide will be absolutely confidential; your name will never be published or associated in any way with your individual answers."

"All information which would permit identification of the individual will be held in strict confidence, will be used only by persons engaged in and for the purposes of the survey, and will not be disclosed or released to others for any purpose."

"This information will be kept in strict confidence and will be used only for future follow-ups in the National Longitudinal Study of the High School Class of 1972."

The procedures used to link the survey data to military administrative records were designed to keep these CES promises to the NLS-72 sample members and to avoid legal and ethical problems.

Because of these considerations, many precautions were taken to keep the identities of the NLS-72 participants separate from the survey data they supplied and restrict access to the linkage, so that only RTI (the custodian of the NLS-72 system of records) had the capacity to link the two. Keeping identifiers private and separate from other survey data was an essential goal of this project.

2.1 Method of Matching

The matching process involved the cooperative efforts of computer programmers and data analysts at several organizations: the Research Triangle Institute, the Defense Manpower Data Center, the National Center for Education Statistics, and Mathematica Policy Research, Inc.

RTI went through a series of steps to create the links between the NLS-72 data and DMDC military records. In order to

create the list of Social Security numbers (SSNs) and other items to send to DMDC, RTI first extracted several variables from the NLS-72 Master file: student ID number, composite birthdate, and composite sex. (Of course, a person can have only one sex; in this context, "composite" means an automated reconciliation of conflicting reports from different surveys on the same item of information.) RTI then extracted several variables from the NLS-72 Name and Address file: name, address, student ID number, and SSN. Finally, RTI merged the two extracts, deleted all sample members who were female or whose gender was unknown (leaving a total of 11,222 cases), and replaced the regular NLS-72 student ID code with an RTI-created temporary ID code (so that the new extract file could not be linked to the NLS-72 data by anyone but RTI). Only the male sample members were retained, because DMDC and CES ascertained that the 210 females in the sample who joined the military were too small a group to produce statistically reliable analyses.

This RTI-produced file was sent to CES and forwarded to the Defense Manpower Data Center. When DMDC received this extract file, the DMDC programmer used the SSNs and year of birth to match records in the Applicant/Accession, Master, and Loss files for the years 1972 to 1979. This process resulted in a file containing selected Applicant/Accession variables in a common format, a longitudinally-assembled set of variables from the edited Master files for the years 1972 to 1979, and, in cases in which the NLS-72 sample member re-enlisted or left the services, selected variables from the Loss files.

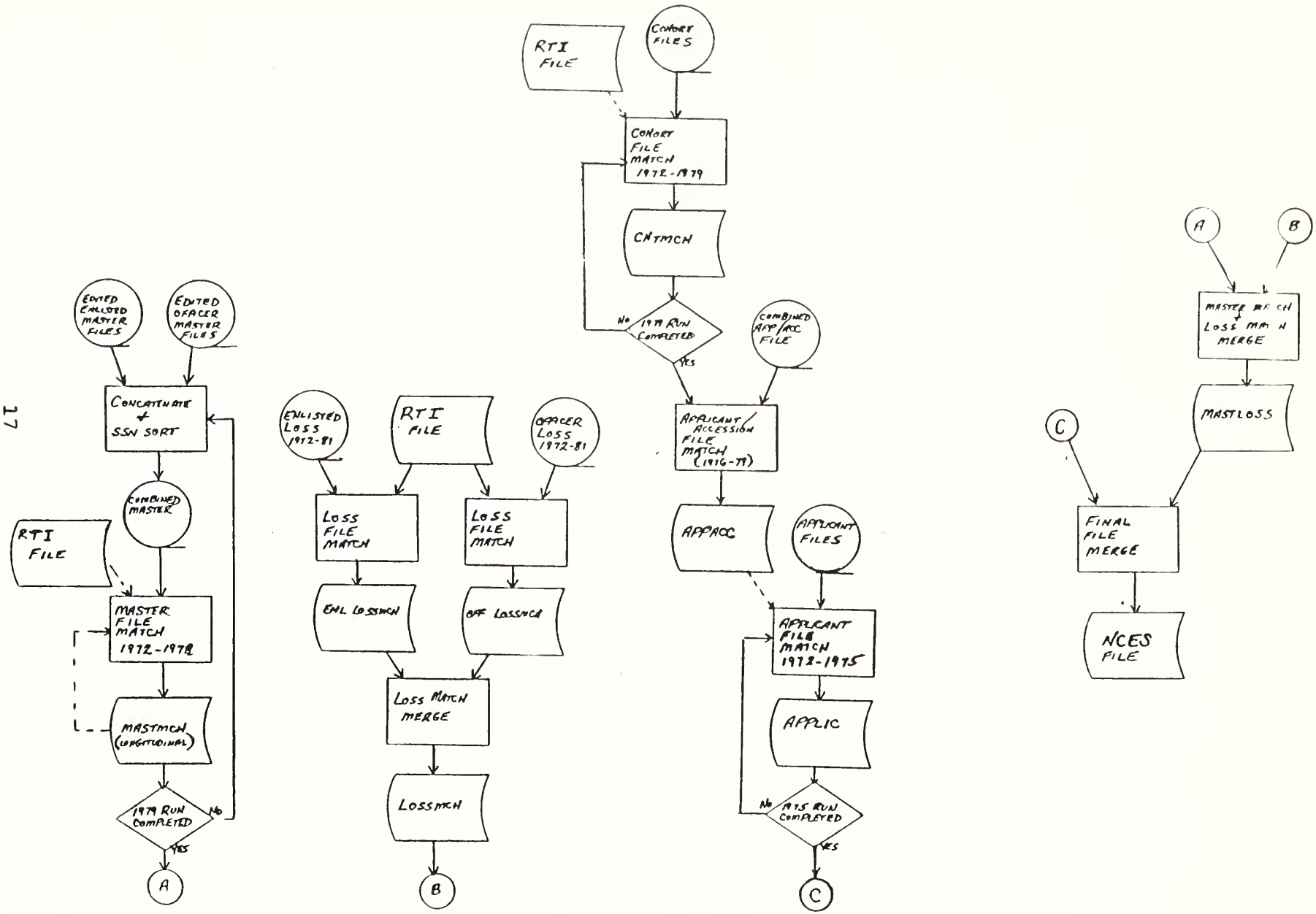
Not all the information contained on the various DMDC files

was retained in the file extracts. The data analysts at MPR, in consultation with CES and DMDC personnel, made decisions about which of the available data items would have some relevance to human resource policy issues. Items of use solely for administrative purposes were omitted.

Some of the DMDC data files do not follow consistent formats over the 1972 to 1979 time period. The accession data within the DMDC cohort files exists in two formats: the pre-1976 format and the 1976-present format. From 1976 onwards, the applicant and accession file exist in a combined form, but prior to 1976, the applicants were kept separate. The 1972-79 Cohort files, the 1976-79 combined Applicant and Accession files, and the 1972-75 Applicant files contain many of the same variables in three different formats or codings. For this project, DMDC recoded the variables into a standardized format to eliminate the inconsistencies. Variables in the Master and Loss files follow standard formats during this period and did not require further editing to eliminate inconsistent coding.

The four flow charts in Figure 1 summarize the process the DMDC programmer went through to extract the appropriate NLS-72 cases from their military records. The chart that ends with file A summarizes the processing of the Master files; the chart that ends with file B summarizes the processing of the Loss files; and the chart that ends with file C summarizes the processing of the Cohort files, the combined Applicant/Accession files, and the

Figure 1. DMDC military records extraction process



Applicant files. The remaining chart illustrates the merger process to combine the three files into the final data extract that was returned to CES for analysis.

After the DMDC file extract was returned to CES, it was forwarded to North Carolina, where RTI replaced the temporary, RTI-created ID code with the regular NLS-72 student ID codes (so that the DMDC military records data file could be merged with the NLS-72 master file) and removed the names, birthdates, and Social Security numbers. In order to protect the identities of the respondents, the CES and DMDC copies of the DMDC file extract that contained the personally identifying information were destroyed as soon as RTI verified that the replacement with NLS-72 student ID codes was successful and that RTI had made backup copies. Then RTI sent the NLS-72/DMDC military records data file, now containing the NLS-72 student ID codes, to CES for analysis by the Mathematica Policy Research and CES researchers.

This data file, with the addition of some edited variables from the military section of the NLS-72 follow-up surveys and the substitution of a consistent system for handling dates and missing values, constitutes the final product of this process: the NLS-72/DMDC military records data file. Constructing this data file, by linking sample survey data with administrative records, required cooperation among many organizations.

2.2 Quality of the Matches

The success of this project in matching survey data and institutional records was determined by the quality of the identifying information and the completeness of the military

administrative records. The extent of certain kinds of incompleteness or inconsistencies can give a sense of how good the matching process was, but no satisfactory, quantitative measure of the match rate is available.

When RTI supplied the list of Social Security numbers, 599 out of the 11,222 male cases had missing SSNs (even though the respondents were requested to give their SSN on three separate occasions), so DMDC could not find a match for these cases. Based on self-reported cases with military service, 1746 NLS-72 men served in the military; DMDC was able to match 1526 cases. The remaining cases may have been inaccurate reporting on the part of the NLS-72 respondents, very short terms of service, or missing or inaccurate SSNs. One way to assess the accuracy of the SSNs in the NLS-72 and DMDC files is to compare the names in the two files. Of the 1526 records that DMDC matched, 34 names were different (3 of these were women's names), indicating a small degree of inaccuracy in the SSNs.

The beginning of each record of the NLS-72/DMDC data file contains a set of flags indicating whether a match was found for each type of DMDC file, and if found, whether the match was for both SSN and birth year, or--in a few cases--simply for SSN. The codebook contained in section 5 of this data file user's manual shows the frequencies of each type of match.

3. ORGANIZATION AND CONTENT OF THE DATA FILES

The preceding chapter of this user's manual described the various procedures followed to link DMDC administrative records on military service with NLS-72 student ID codes, so that NLS-72 survey data could be merged with the NLS-72/DMDC military records data. This chapter describes the ID codes and programming needed to merge these data with information from the NLS-72 master file, the kind of information contained on the NLS-72/DMDC military records data file, the editing used to reconcile multiple reports on military service in different NLS-72 follow-up surveys, and provides a guide to the data files associated with the NLS-72/DMDC military records data and the more technical information contained in the codebook.

Each record in the NLS-72/DMDC military records data file is organized as shown in the record layout that appears as Appendix B. The variables on the record are logically grouped, as discussed in sections 3.2 and 3.3 below.

3.1 Identification Codes for Merging

The data file user can get access to any of the variables on the NLS-72 data file by merging this military records data file with other data files that contain the NLS-72 identification codes. The other, related NLS-72 data files that contain these codes are listed in Appendix A. The process needed to merge the various files is described in this section of the data file users manual.

The NLS-72 student data file is very large; it contains 22,652 cases and 3,524 variables for each case. It requires

three reels of high-density computer tape to hold the entire file. The users manual associated with the file fills three volumes. Because the NLS-72 student data file is so large, it should be treated as an archive. The NLS-72/DMDC military records data file was therefore distributed as a separate file, rather than merging another 210 variables, for that portion of the sample that served in the military, onto the end of the NLS-72 student file record.

The first step in analyzing the data should be to select the cases and variables to be used in any particular analysis and extract them from the NLS-72 file. Since the NLS-72/DMDC military records are available only for males, about half the cases in the NLS-72 student data file can be omitted immediately. For some analytic purposes, only those cases who entered the military are relevant, so the number of cases can be reduced to less than a tenth of the original size. Some of the variables in the NLS-72 student data file, like the DMDC source data files, contain information of administrative interest, of little relevance to human resource policy and can be omitted from the extract. Other variables also have little relevance to a well-focussed analysis project and can be omitted. After the selection of variables and cases is made, an extract of the NLS-72 student data can be merged with the NLS-72/DMDC military records data file, using the procedure described below.

Three variables are used to order and identify the cases in the NLS-72 data files: RTI_ID (the student identification code, ranging in value from 1 to 89,996), SCHCODE (the school identification code, ranging in value from 4 to 9,996), and

FINSTNO (the final stratum number used in sampling the schools, ranging in value from 1 to 608). The cases in the NLS-72 student data file are sorted in ascending order by FINSTNO; within strata grouped (though not in numerical order) by SCHCODE; and within schools sorted in ascending order by RTI_ID. The cases in the NLS-72 school data file are sorted in ascending order by FINSTNO; within strata sorted in ascending order by SCHCODE. The cases in the NLS-72 school district data file are sorted in ascending order by FINSTNO; within strata sorted in ascending order by SCHCODE. The cases in the NLS-72/DMDC military records data file are sorted in ascending order by FINSTNO; within strata sorted in ascending order by SCHCODE; and within schools sorted in ascending order by RTI_ID.

To merge the data properly, the extract of the NLS-72 student data file should be sorted into the same order as the NLS-72/DMDC military records data file, and merged into a single file with a check that the three identification codes--FINSTNO, SCHCODE, and RTI_ID--are identical. Cases that do not have matching NLS-72/DMDC military records can be dropped, if comparisons with a non-military group are unnecessary.

3.2 Description of DMDC Variables

Following in the NLS-72/DMDC military records data file the identification codes described in the preceding section are the match flags mentioned in section 2.2. These flags are keyed to each block of data from the different sources. If these flags show no match was made, then the associated block of variables from the Applicant/Accession data, the 1972 to 1979 Master file

data, the most recent and next most recent Loss data, and the edited NLS-72 data are entirely missing. Following these flags, when set, appear the DMDC data from three sources: the Applicant/Accession/Cohort files, the Master files, and the Loss files. This section presents additional details on the variables that come from these three sources. Section 3.3 describes the edited variables derived from NLS-72 follow-up survey data.

Applicant/Accession Data The Applicant/Accession files include geographic variables, demographic variables, educational attainment and aptitude measures at the time of examination or enlistment, and military status variables. The names of the variables from the Applicant/Accession file follow a convention to identify the source for each variable: Aaaaa, where A identifies the source and aaaa is the alphabetic acronym for a variable that contains the same information for each Applicant/Accession file record.

The first variables in the Applicant/Accession group are geographic. Census region, ACR, is the standard census grouping of states into nine larger geographic entries; it refers to the census region of the service members home of record. ASTATE is the Federal Information Processing Standard (FIPS) state code of the subject's home of record, and AZIPF is the first three digits of the zip code of the subject's home of record. The city in which the Armed Forces Examining and Entrance Station (AFEES) is located is recorded in the AAFEES variable. AAFEES could be used, for example, in an analysis to merge local labor market indicators, such as average wage and unemployment rates, at the

time the person applies or enlists.

The next variables of the Applicant/Accession group are standard background variables. Age at entry, AAAE, was computed by using date of birth and date of AFEES determination. Only year of birth, ADOBYR, was retained for this file, though the rest of the date of birth can be determined independently from the edited NLS-72 variable, CBIRTH. The date of AFEES determination can be acquired from the date of entry variable, ADOE. The educational attainment variable, AHYED, was determined as of the date of entry. The race variable, ARACE, came from both the Applicant and the Accession files, while the race/ethnicity variable, ARETH, came from only the Accession file. Consequently, the latter has about 840 more cases with missing information. The marital status variable from the Applicant/Accession file, AMS, was also determined as of the date of entry.

The next set of Applicant/Accession variables consists of a variety of test scores. The test form number item, AMTFN, did not exist in the Applicant file, so about 840 more cases have missing information. This item identifies the standardized test, and version of the test, used to derive mental aptitude percentiles for the Armed Forces Qualifying Test (AFQT), or equivalent, percentile variable, AAFQT. Most of the cases were assigned AFQT percentiles based on the AFQT, version 8B/AQB. The AAFQT variable was renormed and is now consistent throughout the period from 1972 to 1979. The sixteen Armed Services Vocational Aptitude Battery (ASVAB) area scores can range in value from 1 to 180. They do not exist for the 840 applicants who did not enlist; tests 11 to 16 do not exist for those who enlisted prior

to 1976. Each score measures a different type of aptitude. Appendix D lists the subtest areas for the various mental tests used.

The last set of Applicant/Accession variables consists of a variety of items that describe the status of an applicant or an enlistee with respect to his term of military service. The first variable in this group, ACCTYPE, identifies the matched record as one of four types: (1) the record shows only the results of the AFEES examination--an applicant record; (2) the subject enlisted into delay status--an enlistment record; (3) the subject enlisted into active duty--an accession record; and (4) the subject was discharged from the delayed entry program--an applicant record. The service of accession variable, ASOA, records the service into which the recruit entered. The prior service indicator, APS, records whether or not the enlistee had previously served in the military. The primary medical failure code, AMFC, identifies the disqualifying medical defect of an individual as determined by the AFEES medical examination. Appendix E lists the medical failure codes; a code of 1 indicates the recruit did not fail. The date of entry, ADOE, shows the date of enlistment for cases from the Accession files and the date of determination for cases from the Applicant files. The term of enlistment variable, ATERM, is recorded in years, and four years is the most common contractual term. Pay grade at entry, APG, is the rank given to the recruit at enlistment; not all start at the bottom (E-1). A zero indicates a missing pay grade for enlisted personnel. The variables describing participation in the delayed entry program,

date of entry (ADOEDEP) and months in program (AMDEP), are available only for those who entered after 1975, and cases who participated after 1975 occur infrequently in the data file.

Master File Data The Master file variables include the date and type of enlistment, the term of service, the current occupation and duties, the current pay grade, and current family status (as of at the time the file was updated). Each set of variables from the Master file is available for each year from 1972 to 1979, and represent the last reported status as of the end of the year. The year in each case is not a calendar year, but runs from July 1 of the prior year to June 30 of the present year. This means, for example, that the 1972 Master file data cover events from July 1971 to June 1972, and the 1979 Master file data cover events from July 1978 to June 1979.

The names of the variables from the Master file follow a convention to identify the source year for each variable: Mnaaaa, where M indicates the source of the data in the Master file, n is a digit from 2 to 9 and indicates data from the Master file for 1972 to 1979, and aaaa is the alphabetic acronym for a variable that contains the same information for each year's Master file record.

Updating on an annual, rather than quarterly basis has the consequence that some promotions of E-1 to E-2 or E-2 to E-3 may be missed, and the annual record may apparently show a person skipping a grade and going directly from E-1 to E-3 or E-2 to E-4. The promotion to E-2 occurs at the end of basic training, while the promotion to E-3 is usually at the end of the specialized training that follows basic training (which may vary

in length). In cases where a grade is apparently skipped, the time in grade can be used to count backwards from June of the file year and impute a missing promotion date.

The first variables in the Master file group relate to the dates and type of enlistment. The basic active service date, MnBASD, indicates the start of the service member's active duty. It is sometimes adjusted later to reflect breaks in service and therefore may not remain constant over a person's military career. The pay entry base date, MnPEBD, indicates the start of service for pay purposes. If the service member participated in the delayed entry program or the reserves, the PEBD can be subtracted from the BASD to get the length of time the individual spent in the delayed entry program or the reserves. The date of latest enlistment or re-enlistment, MnDOLE, reflects the first day of the current term of enlistment and is supposed to change, though the change is not always recorded here, when re-enlistment occurs. When the Applicant/Accession DOLE differs from the Master file DOLE, the Master file item is probably more accurate. The source of original procurement variable, MnSOP, distinguishes voluntary enlistment from involuntary induction or reserve recall for enlisted personnel. For officer personnel, MnSOP provides a variety of sources. The code numbers of the officer and enlisted personnel categories overlap, so this variable must be used in conjunction with an officer/enlisted distinction (contained in the pay grade item). The service variable, MnSVC, identifies enlistment into the Army, Navy, Marine Corps, or Air Force. This can change with re-enlistment. The service component, MnCOMP,

identifies whether the military service is regular, temporary, reserve, or national guard in each year.

The next variables of the Master file group describe the term of military service. Months in service is given in the total active Federal military service variable, MnTAFMS, computed from date of entry to the time of the file creation (for censored cases) or separation from service (for completed cases). Persons serving in the military sign up for specific contractual periods of service, as identified in ATERM. Their expected date at which they complete their tour of active duty is reported in the estimated time of separation variable, MnETS. This variable shows the original date until a change is entered. The ETS could increase if the service member gets extra training and promises to give extended service in return. It could decrease if the service member switches to a reserve, rather than an active duty option. As long as the interservice separation code (discussed below) shows that the contractual term of duty was met, a date of actual separation prior to the estimated time of separation does not indicate a problem of attrition. A very similar variable, date of separation (MnDOS), is used to store a "soft" version of the estimated time of separation, reflecting an extension before it is entered into.

The next set of Master file variables consists of a description of current duties and pay grade. The Department of Defense (DoD) primary occupation code, MnDPOC, is valid across the services. Coding for this variable is taken from DoD publications 1312.1-E and 1312.0 "Occupational Conversion Table," a summary table from which is reproduced as Appendix G.* The

primary occupation code indicates the occupation for which the service member has been trained or the most significant skill held by the individual. The duty occupation code, MnDDOC, is also valid across services and coded to DoD standards as reproduced in Appendix G. The duty occupation code reflects the occupation in which the service member is actually working. The pay grade reported in the data file, MnPG, reflects the service member's pay grade as of the date of the file or the date of separation. Grade 0 indicates an unknown pay grade; grades 1 to 9 are enlisted pay grades E-1 to E-9; grades 11 to 14 are warrant officer pay grades W-1 to W-4; and grades 21 to 31 are officer grades O-1 to O-11. The date of current paygrade variable, MnDCPG, indicates the date at which the service member started drawing pay at the current pay grade, and can be used as a date of promotion. The time in grade variable, MnTIG, shows the number of months the service member has served in the current pay grade, counting back from the as-of date of the master file to the date of current paygrade.

The last set of Master file variables describe the current marital and family status of the service member. The marital status variable, MnMS, has a simplified coding: all varieties of non-married people--single, divorced, separated, and widowed--are

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*The coding for the officer occupations has been modified to eliminate alphabetic codes. For officers the DoD code is a number followed by a letter. On this file the number is multiplied by 100 and the letter is converted to its numeric equivalent (A=1, B=2, etc.) and added to the number. For example, 4L would be encoded as 412, and 2D would be encoded as 204. This procedure unfortunately resulted in the same number occasionally standing for two different occupations. See Appendix F.

grouped together and distinguished from the married service members. The number of dependents variable, MnDEPS, counts only spouses and children and excludes the service member.

Loss File Data The Loss file variables include much of the same types of information as can be found in the Master file variables, including the date and type of enlistment, the term of service, the current occupation and duties, the current pay grade, and current family status. These variables follow the same format and contain the same information as the Master files (except the time reference is different), so their description need not be repeated. The Loss files also include the reason for separation and eligibility for re-enlistment, which are determined at the time of separation from military service. When a service member completes a term of service, a separation occurs and a loss file record is made, even if re-enlistment occurs, so there may be multiple losses for any given individual. Two sets of Loss file variables are available, one for the most recent separation from service and the other for the prior separation from service, if present. Each of the variables in the two loss files represent current status as of the date the separation occurs.

The names of the variables from the Loss file follow a convention to identify the source for each variable: Lnaaaa, where L indicates the source of the data in the Loss file records, n is a digit from 1 to 2 and indicates data from the most recent loss or the second most recent loss, and aaaa is the alphabetic acronym for a variable that contains the same

information for each loss file record. The Loss file omits five variables contained in the Master files: pay entry base date (PEBD), source of procurement (SOP), service (SVC), service component (COMP), and estimated time of separation (ETS).

Besides the variables that are the same as those from the Master file records, the Loss files also include the reason for separation and eligibility for re-enlistment. Two Loss file variables indicate the reason for leaving the service: the interservice separation code (LnISC) and the separation program designator (LnSPD). Codes for the ISC are presented in Appendix H. Codes for the SPD are composed of two standard DoD data elements: SE-LA, "Separation Type, Military" and SE-LC, "Separation Reason, Military." The codes include alphanumeric characters; the first of the three characters are the SE-LA codes and the second and third characters are the SE-LC codes. The DMDC documents recommend using interservice separation codes, unless they are missing, in which case the separation program designator can be used. The re-enlistment eligibility variable, LnRE, records whether or not someone who leaves military service is eligible to re-enlist, based on their service record.

3.3 Editing the NLS-72 Survey Data on Military Service

The Rand Corporation has been an active user of the NLS-72 survey data. In the course of one of their projects, some Rand staff members decided to create a set of indicator variables to identify those NLS-72 sample members on active duty in the armed forces in October of each year from 1972 to 1979 that would be consistent with composite service entry and separation dates

created from items on the NLS-72 follow-up surveys. The Rand staff, as a professional courtesy, shared with CES the procedures they followed to edit the data; the author of this data file user's manual translated their tentative editing ideas and specifications into a SAS program to accomplish the same purposes. The CES version incorporates various editing decisions that Rand staff and others might make differently, so no responsibility on the part of the Rand Corporation for the coding of these variables should be inferred. A copy of this SAS program would be too long to include as an appendix, so it is available upon request from the author.

The edited NLS-72 follow-up military variables include some of the same types of information as can be found in the DMDC military records, including the date of enlistment, the branch of service, the date of separation, the current military status in each October or follow-up survey, and a few other indicators. These measures are available whether or not the NLS-72 respondents accurately reported their social security numbers, though there could be some inaccuracy in the self-reports.

The first set of NLS-72 edited military variables provide general information such as composite birth date, CBIRTH; the index of the last year for which information is available due to sample attrition, INDEX; an indicator of whether or not the sample member ever served in the military, MIL; and indicator of whether or not the sample member was drafted, DRAFT; and an indicator of whether or not the sample member served as an officer, OFFICR.

The next set of edited NLS-72 military variables provide the

sample member's status with respect to the military for each year or follow-up. One set of such variables, SERV2 to SERV9, indicates whether or not the sample member served on active duty in October of each year from 1972 to 1979. The source of this information was a reconciliation of the activity state items in each year with the dates of entry to and exit from active duty in the military. The other set of such variables, RES1 to RES4, indicates whether or not the sample member served on reserve duty in October of each year in which a follow-up survey was conducted: 1974, 1974, 1976, and 1979. Insufficient data were available to provide such indicators for other years.

The final set of edited NLS-72 military variables consist of items that describe the term and branch of service. The variable named BRANCH provides the branch of service in which the sample member served. The variable named ENTDAT provides the self-reported date of entry to active military service, to the nearest month, while the variable named SEPDAT provides the self-reported date of separation from active military service. The entry and exit dates could each have been reported on several different occasions; the editing procedure was designed to accept the reported dates that were the most internally consistent with the other available indicators of military service.

3.4 Construction of Event Histories from Annual Reports

The DMDC data in this file are arranged in annual reports, with censored data for incompleted terms of service. "Censored," in the terminology of event history analysis, means that it occurred after each Master file as-of date or the last edited

NLS-72 military follow-up survey return date, and was therefore unknown at the time; the date was censored by a "premature" time of data collection. For most analytic purposes, one would want to analyze the longest possible term of military service. One would want the date of entry and the date of separation for all completed terms of duty (or the last known date in service for all terms of service for which the date of separation was not observed). Any intermediate, incomplete as-of dates are of little analytic interest.

The main problem, from the point of view of editing the data for analytic use, is to reconcile obsolete or inconsistent responses from different years. There could be, for example, up to eleven different reports of the date of enlistment--one from the Applicant/Accession data, eight from the Master file data, and two from the Loss file data. The date may be missing in some of these eleven locations, because the service member may not yet have enlisted; in others the date may have changed to reflect ongoing adjustments in the term of service. The dates of promotion, for example, may occur in as many locations, with more adjustments needed--one for each pay grade. This editing process requires careful programming, and occasionally, a printout of all the relevant dates of events for hand coding, because the many different events and reports in different locations can often provide a context which provides the basis for good decisions about which of a set of partially inconsistent dates to believe, following rules that are difficult to program in advance.

In the course of the Mathematica research contract, data

editing of this kind was done for the DMDC data on the first term of enlistment. The resulting, "clean" dates of entry and separation from service compare quite favorably with the reports from the edited NLS-72 follow-up survey data. For those male respondents for whom both the edited NLS-72 follow-up survey item on date of entry to active duty and the edited DMDC administrative record report on date of entry to active duty were available, the correlation between the two measures was .97, indicating a high degree of reliability of the NLS-72 entry date. For those male respondents for whom both the edited NLS-72 follow-up survey item on date of exit from active duty and the edited DMDC administrative record report on the final date of exit from active duty (for those that served only one term) were available, the correlation between the two measures was also .97, again indicating a high degree of reliability of the NLS-72 entry date. These correlations would lead to the conclusion that the dates of service of members of the armed forces are of such significance to their careers that the NLS-72 respondents are unlikely to misreport them.

3.5 Guide to Machine-Readable Files and the Codebook

The NLS-72/DMDC military records data consists of five related data files. These files are:

(1) Military records data file in standard EBCDIC characters, including the student identification number, match flags, variables taken from the Applicant/Accession files (edited into a common format), a longitudinally-assembled set of variables from the edited Master files for the years 1972 to 1979, selected variables from the Loss files for up to two separations from military service, and a few edited variables from the military service section of the NLS-72 follow-up surveys

(2) The same military records data file as the first file except in SAS system file form (using SAS date values for all dates and standard SAS missing values), including the student identification number, match flags, variables taken from the Applicant/Accession files (edited into a common format), a longitudinally-assembled set of variables from the edited Master files for the years 1972 to 1979, selected variables from the Loss files for up to two separations from military service, and a few edited variables from the military service section of the NLS-72 follow-up surveys

(3) A machine-readable version of this codebook
(4) SPSS control cards for creating an SPSS system file from the EBCDIC data in the first file

Technical specifications on the tape density, number of tracks, record length, block size, tape label, and data set names are provided with the tape.

The codebook provides a comprehensive description of the NLS-72/DMDC military records data file. The data file consists of 11,222 records for male NLS-72 respondents only. For each variable on the tape the codebook provides the following information, referenced in Figures 2 and 3 by the number in parentheses following each item:

--the original source from which the data item was derived (1)

--the tape position of the variable (2)

--the variable format (3)

--the SAS (or SPSS) variable name (4)

--the SAS (or SPSS) variable label (5)

--for categorical variables, the response categories and category values (6). For continuous variables, the percentile distribution values for the maximum, the third quartile, the median, the first quartile, and the minimum (6)

--for categorical variables, data codes for all response categories (7). For continuous variables, values of

five points on the percentile distribution (7)

--for categorical variables, unweighted frequency counts (8). For continuous variables, frequency counts for missing cases (8)

--unweighted, unadjusted percentage frequencies for categorical variables, excluding the missing cases (9)

--missing value codes. On the SAS system file, these are converted to the standard SAS missing value, a period. (10)

Figure 2: Categorical Variables

(1) 1972 MASTER RECORD (2) TAPE POS. 126-126
(3) FORMAT: F1.

(4) M2SVC = (5) SERVICE CODE

(6) RESPONSE	(7) VALUE	(8) FREQ	(9) PERCENT
Army	1	66	41.0%
Navy	2	42	26.1%
Marine Corps	3	27	16.8%
Air Force	4	26	16.1%
MISSING	9	11061	
TOTALS:		11222	100.0%

Figure 3: Continuous Variables

(1) 1972 MASTER RECORD (2) TAPE POS. 109-114
(3) FORMAT: 3F2.0

(4) M2BASD = (5) BASIC ACTIVE SERVICE DATE

(6) PERCENTILE DISTRIBUTION	(8) FREQ	(7) SAS VALUE	(7) EBCDIC VALUE MONTH	DAY	YEAR
MAXIMUM		30JUN72	6	30	72
3RD QUARTILE		10JUN72	6	10	72
MEDIAN		10APR72	4	10	72
1ST QUARTILE		08MAR72	3	8	72
MINIMUM		30JUL69	7	30	69
(10) MISSING	11061	.	99	99	99
TOTALS:	11222				

NOTE: This item is stored as a single SAS date value (with format DATE7.) in the SAS system file. It is stored as three sub-items, month, day, and year (with format 3F2.0), in the EBCDIC character file. This user's manual displays the quartile distribution of the continuous date values of this variable.

Source of data item (Item 1 in Figures 2 and 3): The sources include identification codes, match flags, applicant/accession data, master file data from 1972 to 1979, loss file data for the most recent loss and the next most recent loss, and edited NLS-72 survey data.

Tape position (Item 2 in Figures 2 and 3): This item gives the starting and ending tape position for each variable on the data tape.

Variable format (Item 3 in Figures 2 and 3): This item indicates the type of variable, numeric or alphabetical, and its width.

SAS (SPSS) variable name (Item 4 in Figures 2 and 3): Each variable on the data tape is identified by a unique SAS (SPSS)

variable name. Data flags and edited variables are given mnemonics that help identify them. For example, SCHCODE for "school identification code" and ACCFLAG for "applicant/accession data availability flag." The user should be careful always to refer the variable by its SAS (SPSS) variable name in any computing procedures.

SAS (SPSS) variable label (Item 5 in Figures 2 and 3): A short variable label appears after the variable name. This label is the same as that which appears on the SAS system file and on the SPSS data definition cards included on the tape.

The response categories (Item 6 in Figure 2): For categorical variables this provides the descriptive labels for the categories.

The percentile distributions (Item 6 in Figure 3): For continuous variables, this item provides the percentile distribution values for the maximum, the third quartile, the median, the first quartile, and the minimum. Response codes (Item 7 in Figures 2 and 3): This item provides the actual numerical codes that appear on the data tape in the tape position specified, except for continuous variables where the actual values that appear on the tape, but are shown in summary distribution form in this codebook. Item 7 in Figure 3 presents the numerical values of five points on the percentile distribution. These values may have been interpolated, and therefore may not exist for any case in the data file. Frequency counts (Item 8 in Figures 2 and 3): This item shows the unweighted frequency counts for categorical variables. It

should be noted that the frequency counts sum to 11,222, the number of male NLS-72 sample members. Since the frequency counts between the points of the quartile distribution were always approximately the same, they were not tabulated for continuous variables in this codebook.

Unweighted percentage frequencies (Item 9 in Figure 2): This column displays the frequency counts of Item 8 as percentages. All records that were processed are included. Since the percentages between the points of the quartile distribution were always approximately 25 percent, they were not tabulated for continuous variables in this codebook.

Missing values codes (Item 10 in Figures 2 and 3): The missing values are either 9, 99, or 999, depending upon the width of the data field.

IDENTIFICATION NUMBER — TAPE POS. 1-5, FORMAT: F5.

RTI_ID = RTI STUDENT ID NUMBER

RESPONSE	VALUE	FREQ	PERCENT
(1-89,996)		11222	100.0%
TOTALS:		11222	100.0%

IDENTIFICATION NUMBER — TAPE POS. 6-9, FORMAT: F4.

SCHCODE = SCHOOL CODE

RESPONSE	VALUE	FREQ	PERCENT
(4-9996)		11222	100.0%
TOTALS:		11222	100.0%

IDENTIFICATION NUMBER — TAPE POS. 10-12, FORMAT: F3.

FINSTNO = FINAL STRATUM NUMBER

RESPONSE	VALUE	FREQ	PERCENT
(1-608)		11222	100.0%
TOTALS:		11222	100.0%

MATCH FLAG — TAPE POS. 13-13, FORMAT: F1.

ACCFLAG = ACCESSION RECORD MATCH FLAG

RESPONSE	VALUE	FREQ	PERCENT
No Match	0	8884	79.2%
SSN Only Match	1	107	1.0%
SSN & Birthyr Match	2	2231	19.9%
TOTALS:		11222	100.0%

MATCH FLAG — TAPE POS. 14-14, FORMAT: F1.

MSTFLAG2 = MASTER 1972 RECORD MATCH FLAG

RESPONSE	VALUE	FREQ	PERCENT
No Match	0	11061	98.6%
SSN Only Match	1	15	0.1%
SSN & Birthyr Match	2	146	1.3%
TOTALS:		11222	100.0%

MATCH FLAG — TAPE POS. 15-15, FORMAT: F1.

MSTFLAG3 = MASTER 1973 RECORD MATCH FLAG

RESPONSE	VALUE	FREQ	PERCENT
No Match	0	10339	92.1%
SSN Only Match	1	24	0.2%
SSN & Birthyr Match	2	859	7.7%
TOTALS:		11222	100.0%

MATCH FLAG — TAPE POS. 16-16, FORMAT: F1.

MSTFLAG4 = MASTER 1974 RECORD MATCH FLAG

RESPONSE	VALUE	FREQ	PERCENT
No Match	0	10227	91.1%
SSN Only Match	1	30	0.3%
SSN & Birthyr Match	2	965	8.6%
TOTALS:		11222	100.0%

MATCH FLAG — TAPE POS. 17-17, FORMAT: F1.

MSTFLAG5 = MASTER 1975 RECORD MATCH FLAG

RESPONSE	VALUE	FREQ	PERCENT
No Match	0	10250	91.3%
SSN Only Match	1	31	0.3%
SSN & Birthyr Match	2	941	8.4%
TOTALS:		11222	100.0%

MATCH FLAG — TAPE POS. 18-18, FORMAT: F1.

MSTFLAG6 = MASTER 1976 RECORD MATCH FLAG

RESPONSE	VALUE	FREQ	PERCENT
No Match	0	10395	92.6%
SSN Only Match	1	23	0.2%
SSN & Birthyr Match	2	804	7.2%
TOTALS:		11222	100.0%

MATCH FLAG — TAPE POS. 19-19, FORMAT: F1.

MSTFLAG7 = MASTER 1977 RECORD MATCH FLAG

RESPONSE	VALUE	FREQ	PERCENT
No Match	0	10537	93.9%
SSN Only Match	1	23	0.2%
SSN & Birthyr Match	2	662	5.9%
TOTALS:		11222	100.0%

MATCH FLAG — TAPE POS. 20-20
FORMAT: F1.

MSTFLAG8 = MASTER 1978 RECORD MATCH FLAG

RESPONSE	VALUE	FREQ	PERCENT
No Match	0	10614	94.6%
SSN Only Match	1	23	0.2%
SSN & Birthyr Match	2	585	5.2%
TOTALS:		11222	100.0%

MATCH FLAG — TAPE POS. 21-21
FORMAT: F1.

MSTFLAG9 = MASTER 1979 RECORD MATCH FLAG

RESPONSE	VALUE	FREQ	PERCENT
No Match	0	10693	95.3%
SSN Only Match	1	12	0.1%
SSN & Birthyr Match	2	517	4.6%
TOTALS:		11222	100.0%

MATCH FLAG — TAPE POS. 22-22
FORMAT: F1.

LOSFLAG1 = MOST RECENT LOSS RECORD MATCH FLAG

RESPONSE	VALUE	FREQ	PERCENT
No Match	0	9766	87.0%
SSN Only Match	1	60	0.5%
SSN & Birthyr Match	2	1396	12.4%
TOTALS:		11222	100.0%

MATCH FLAG — TAPE POS. 23-23
FORMAT: F1.

LOSFLAG2 = NEXT MOST RECENT LOSS RECORD MATCH FLAG

RESPONSE	VALUE	FREQ	PERCENT
No Match	0	11057	98.5%
SSN Only Match	1	8	0.1%
SSN & Birthyr Match	2	157	1.4%
TOTALS:		11222	100.0%

MATCH FLAG — TAPE POS. 24-24
FORMAT: F1.

MSMATCHN = NAME MISMATCH FLAG

RESPONSE	VALUE	FREQ	PERCENT
	0	2441	98.5%
	1	36	1.5%
MISSING	9	8745	
TOTALS:		11222	100.0%

APPLICANT/ACCESSION RECORD — TAPE POS. 25-26
FORMAT: F2.

AAFEES = AFEES STATION

RESPONSE	VALUE	FREQ	PERCENT
(1-78)		1502	100.0%
MISSING	99	9720	
TOTALS:		11222	100.0%

NOTE: This item is stored as a categorical variable with a large number of categories. Values were temporarily collapsed for display in this user's manual.

APPLICANT/ACCESSION RECORD — TAPE POS. 27-28
FORMAT: F2.

ACR = CENSUS REGION, HOR

RESPONSE	VALUE	FREQ	PERCENT
New England	1	105	4.5%
Middle Atlantic	2	295	12.6%
East North Central	3	385	16.5%
West North Central	4	169	7.2%
South Atlantic	5	431	18.4%
East South Central	6	199	8.5%
West South Central	7	328	14.0%
Mountain	8	108	4.6%
Pacific	9	317	13.6%
Other	10	1	0.0%
MISSING	99	8884	
TOTALS:		11222	100.0%

APPLICANT/ACCESSION RECORD — TAPE POS. 29-31
FORMAT: F3.

AZIPF = ZIP CODE-1ST THREE DIGITS, HOR

RESPONSE	VALUE	FREQ	PERCENT
(0-999)		1704	100.0%
MISSING	999	9518	
TOTALS:		11222	100.0%

NOTE: This item is stored as a categorical variable with a large number of categories. Values were temporarily collapsed for display in this user's manual.

APPLICANT/ACCESSION RECORD — TAPE POS. 32-33
FORMAT: F2.

ASTATE = STATE OF RESIDENCE, HOR

RESPONSE	VALUE	FREQ	PERCENT
(1-56)		1502	100.0%
MISSING	99	9720	
TOTALS:		11222	100.0%

NOTE: This item is stored as a categorical variable with a large number of categories. Values were temporarily collapsed for display in this user's manual.

APPLICANT/ACCESSION RECORD — TAPE POS. 34-35 — FORMAT: F2.

ADOBYR = YEAR OF BIRTH

RESPONSE	VALUE	FREQ	PERCENT
	46	1	0.0%
	50	6	0.3%
	51	19	0.8%
	52	190	8.1%
	53	790	33.8%
	54	1260	53.9%
	55	46	2.0%
	56	13	0.6%
	57	6	0.3%
	58	3	0.1%
	59	3	0.1%
	60	1	0.0%
MISSING	99	8884	
TOTALS:		11222	100.0%

APPLICANT/ACCESSION RECORD — TAPE POS. 36-37 — FORMAT: F2.

AAAE = AGE AT ENTRY

RESPONSE	VALUE	FREQ	PERCENT
	17	109	7.3%
	18	525	35.0%
	19	365	24.3%
	20	219	14.6%
	21	110	7.3%
	22	86	5.7%
	23	40	2.7%
	24	26	1.7%
	25	15	1.0%
	26	6	0.4%
	27	1	0.1%
MISSING	99	9720	
TOTALS:		11222	100.0%

APPLICANT/ACCESSION RECORD — TAPE POS. 38-39 — FORMAT: F2.

AHYED = HIGHEST YEAR OF EDUCATION

RESPONSE	VALUE	FREQ	PERCENT
1 Year Hi School	3	3	0.1%
2 Years Hi School	4	16	0.7%
No Hi Schl Diploma	5	230	9.8%
High Schl Diploma	6	1834	78.5%
1 Year College	7	106	4.5%
2 Years College	8	57	2.4%
No College Degree	9	32	1.4%
College Degree	10	45	1.9%
Doctors or equiv	12	1	0.0%
High Schl GED	13	12	0.5%
MISSING	99	8886	
TOTALS:		11222	100.0%

APPLICANT/ACCESSION RECORD — TAPE POS. 40-40 — FORMAT: F1.

ARACE = RACE

RESPONSE	VALUE	FREQ	PERCENT
White	1	1770	75.8%
Black	2	525	22.5%
Other	3	41	1.8%
MISSING	9	8886	
TOTALS:		11222	100.0%

APPLICANT/ACCESSION RECORD — TAPE POS. 41-41 — FORMAT: F1.

ARETH = RACE-ETHNICITY

RESPONSE	VALUE	FREQ	PERCENT
	0	15	1.0%
White Non-Spanish	1	1069	71.2%
White, Span surname	2	58	3.9%
Black	3	346	23.0%
Other	4	14	0.9%
MISSING	9	9720	
TOTALS:		11222	100.0%

APPLICANT/ACCESSION RECORD — TAPE POS. 42-42 — FORMAT: F1.

AMS = MARITAL STATUS

RESPONSE	VALUE	FREQ	PERCENT
Not Married	1	2035	89.2%
Married	2	247	10.8%
MISSING	9	8940	
TOTALS:		11222	100.0%

APPLICANT/ACCESSION RECORD — TAPE POS. 43-44 — FORMAT: F2.

AMTFN = MENTAL TEST FORM NUMBER

RESPONSE	VALUE	FREQ	PERCENT
ASVAB	4	12	0.8%
AFWST/5	5	3	0.2%
AFWST/6	6	1	0.1%
AFQT 7C	9	2	0.1%
AFQT 8B/AQB	11	1131	76.3%
SBTB	13	142	9.6%
BTB6	19	4	0.3%
BTB7	20	4	0.3%
BTB8	21	5	0.3%
BTB-R1	22	2	0.1%
ACB73	23	13	0.9%
ACT	24	5	0.3%
ASVAB1	31	1	0.1%
ASVAB2	32	1	0.1%
ASVAB3	33	16	1.1%
ASVAB4	34	5	0.3%
ASVAB6	36	76	5.1%
ASVAB7	37	59	4.0%
MISSING	99	9740	
TOTALS:		11222	100.0%

APPLICANT/ACCESSION RECORD — TAPE POS. 45-46 — FORMAT: F2.

AAFQT = AFQT PERCENTILE

PERCENTILE DISTRIBUTION	VALUE	FREQ
MAXIMUM	99	
3RD QUARTILE	74	
MEDIAN	54	
1ST QUARTILE	33	
MINIMUM	1	
MISSING	99	9007
TOTALS:		11222

NOTE: This item is stored as a continuous variable in the data file. This user's manual displays the quartile distribution of the continuous values of this variable.

APPLICANT/ACCESSION RECORD — TAPE POS. 47-49 — FORMAT: F3.

AASVAB1 = ASVAB TEST SCORE 1

PERCENTILE DISTRIBUTION	VALUE	FREQ
MAXIMUM	151	
3RD QUARTILE	99	
MEDIAN	80	
1ST QUARTILE	50	
MINIMUM	3	
MISSING	999	10081
TOTALS:		11222

NOTE: This item is stored as a continuous variable in the data file. This user's manual displays the quartile distribution of the continuous values of this variable.

APPLICANT/ACCESSION RECORD — TAPE POS. 50-52 — FORMAT: F3.

AASVAB2 = ASVAB TEST SCORE 2

PERCENTILE DISTRIBUTION	VALUE	FREQ
MAXIMUM	138	
3RD QUARTILE	100	
MEDIAN	75	
1ST QUARTILE	45	
MINIMUM	1	
MISSING	999	10081
TOTALS:		11222

NOTE: This item is stored as a continuous variable in the data file. This user's manual displays the quartile distribution of the continuous values of this variable.

APPLICANT/ACCESSION RECORD — TAPE POS. 53-55 — FORMAT: F3.

AASVAB3 = ASVAB TEST SCORE 3

PERCENTILE DISTRIBUTION	VALUE	FREQ
MAXIMUM	148	
3RD QUARTILE	103	
MEDIAN	80	
1ST QUARTILE	50	
MINIMUM	4	
MISSING	999	10048
TOTALS:		11222

NOTE: This item is stored as a continuous variable in the data file. This user's manual displays the quartile distribution of the continuous values of this variable.

APPLICANT/ACCESSION RECORD — TAPE POS. 56-58 — FORMAT: F3.

AASVAB4 = ASVAB TEST SCORE 4

PERCENTILE DISTRIBUTION	VALUE	FREQ
MAXIMUM	143	
3RD QUARTILE	90	
MEDIAN	65	
1ST QUARTILE	40	
MINIMUM	5	
MISSING	999	10481
TOTALS:		11222

NOTE: This item is stored as a continuous variable in the data file. This user's manual displays the quartile distribution of the continuous values of this variable.

APPLICANT/ACCESSION RECORD — TAPE POS. 59-61, FORMAT: F3.

AASVAB5 = ASVAB TEST SCORE 5

PERCENTILE DISTRIBUTION	VALUE	FREQ
MAXIMUM	151	
3RD QUARTILE	110	
MEDIAN	96	
1ST QUARTILE	77	
MINIMUM	4	
MISSING	999	10500
TOTALS:		11222

NOTE: This item is stored as a continuous variable in the data file. This user's manual displays the quartile distribution of the continuous values of this variable.

APPLICANT/ACCESSION RECORD — TAPE POS. 62-64, FORMAT: F3.

AASVAB6 = ASVAB TEST SCORE 6

PERCENTILE DISTRIBUTION	VALUE	FREQ
MAXIMUM	160	
3RD QUARTILE	109	
MEDIAN	96	
1ST QUARTILE	74	
MINIMUM	3	
MISSING	999	10503
TOTALS:		11222

NOTE: This item is stored as a continuous variable in the data file. This user's manual displays the quartile distribution of the continuous values of this variable.

APPLICANT/ACCESSION RECORD — TAPE POS. 65-67, FORMAT: F3.

AASVAB7 = ASVAB TEST SCORE 7

PERCENTILE DISTRIBUTION	VALUE	FREQ
MAXIMUM	155	
3RD QUARTILE	112	
MEDIAN	101	
1ST QUARTILE	86	
MINIMUM	2	
MISSING	999	10505
TOTALS:		11222

NOTE: This item is stored as a continuous variable in the data file. This user's manual displays the quartile distribution of the continuous values of this variable.

APPLICANT/ACCESSION RECORD — TAPE POS. 68-70, FORMAT: F3.

AASVAB8 = ASVAB TEST SCORE 8

PERCENTILE DISTRIBUTION	VALUE	FREQ
MAXIMUM	142	
3RD QUARTILE	107	
MEDIAN	85	
1ST QUARTILE	23	
MINIMUM	11	
MISSING	999	10864
TOTALS:		11222

NOTE: This item is stored as a continuous variable in the data file. This user's manual displays the quartile distribution of the continuous values of this variable.

APPLICANT/ACCESSION RECORD — TAPE POS. 71-73, FORMAT: F3.

AASVAB9 = ASVAB TEST SCORE 9

PERCENTILE DISTRIBUTION	VALUE	FREQ
MAXIMUM	160	
3RD QUARTILE	112	
MEDIAN	98	
1ST QUARTILE	80	
MINIMUM	3	
MISSING	999	10506
TOTALS:		11222

NOTE: This item is stored as a continuous variable in the data file. This user's manual displays the quartile distribution of the continuous values of this variable.

APPLICANT/ACCESSION RECORD — TAPE POS. 74-76, FORMAT: F3.

AASVAB10 = ASVAB TEST SCORE 10

PERCENTILE DISTRIBUTION	VALUE	FREQ
MAXIMUM	142	
3RD QUARTILE	105	
MEDIAN	90	
1ST QUARTILE	14	
MINIMUM	3	
MISSING	999	10871
TOTALS:		11222

NOTE: This item is stored as a continuous variable in the data file. This user's manual displays the quartile distribution of the continuous values of this variable.

APPLICANT/ACCESSION RECORD — TAPE POS. 77-78 — FORMAT: F2.

AASVAB11 = ASVAB TEST SCORE 11

PERCENTILE DISTRIBUTION	VALUE	FREQ
MAXIMUM	56	
3RD QUARTILE	17	
MEDIAN	15	
1ST QUARTILE	12	
MINIMUM	3	
MISSING	99	11086
TOTALS:		11222

NOTE: This item is stored as a continuous variable in the data file. This user's manual displays the quartile distribution of the continuous values of this variable.

APPLICANT/ACCESSION RECORD — TAPE POS. 79-80 — FORMAT: F2.

AASVAB12 = ASVAB TEST SCORE 12

PERCENTILE DISTRIBUTION	VALUE	FREQ
MAXIMUM	53	
3RD QUARTILE	17	
MEDIAN	13	
1ST QUARTILE	10	
MINIMUM	2	
MISSING	99	11086
TOTALS:		11222

NOTE: This item is stored as a continuous variable in the data file. This user's manual displays the quartile distribution of the continuous values of this variable.

APPLICANT/ACCESSION RECORD — TAPE POS. 81-82 — FORMAT: F2.

AASVAB13 = ASVAB TEST SCORE 13

PERCENTILE DISTRIBUTION	VALUE	FREQ
MAXIMUM	22	
3RD QUARTILE	15	
MEDIAN	12	
1ST QUARTILE	8	
MINIMUM	2	
MISSING	99	11087
TOTALS:		11222

NOTE: This item is stored as a continuous variable in the data file. This user's manual displays the quartile distribution of the continuous values of this variable.

APPLICANT/ACCESSION RECORD — TAPE POS. 83-84 — FORMAT: F2.

AASVAB14 = ASVAB TEST SCORE 14

PERCENTILE DISTRIBUTION	VALUE	FREQ
MAXIMUM	19	
3RD QUARTILE	14	
MEDIAN	11	
1ST QUARTILE	10	
MINIMUM	4	
MISSING	99	11087
TOTALS:		11222

NOTE: This item is stored as a continuous variable in the data file. This user's manual displays the quartile distribution of the continuous values of this variable.

APPLICANT/ACCESSION RECORD — TAPE POS. 85-86 — FORMAT: F2.

AASVAB15 = ASVAB TEST SCORE 15

PERCENTILE DISTRIBUTION	VALUE	FREQ
MAXIMUM	20	
3RD QUARTILE	13	
MEDIAN	10	
1ST QUARTILE	6	
MINIMUM	3	
MISSING	99	11087
TOTALS:		11222

NOTE: This item is stored as a continuous variable in the data file. This user's manual displays the quartile distribution of the continuous values of this variable.

APPLICANT/ACCESSION RECORD — TAPE POS. 87-88 — FORMAT: F2.

AASVAB16 = ASVAB TEST SCORE 16

PERCENTILE DISTRIBUTION	VALUE	FREQ
MAXIMUM	25	
3RD QUARTILE	20	
MEDIAN	17	
1ST QUARTILE	15	
MINIMUM	6	
MISSING	99	11087
TOTALS:		11222

NOTE: This item is stored as a continuous variable in the data file. This user's manual displays the quartile distribution of the continuous values of this variable.

APPLICANT/ACCESSION RECORD — TAPE POS. 89-89 — FORMAT: F1.

ACCTYPE = ACCESSION VARIABLE TYPE

RESPONSE	VALUE	FREQ	PERCENT
	0	8884	79.2%
	1	843	7.5%
	2	11	0.1%
	3	1483	13.2%
	4	1	0.0%
TOTALS:		11222	100.0%

APPLICANT/ACCESSION RECORD — TAPE POS. 90-91 — FORMAT: F2.

ASOA = SERVICE OF ACCESSION

RESPONSE	VALUE	FREQ	PERCENT
Army	1	753	32.7%
Navy	2	493	21.4%
Air Force	3	558	24.2%
Marine Corps	4	193	8.4%
Inductee-Applicant	6	265	11.5%
Army Reserve	7	13	0.6%
Navy Reserve	8	14	0.6%
Air Force Reserve	9	4	0.2%
Marine Corps Reserve	10	4	0.2%
Coast Guard	11	3	0.1%
National Guard	17	3	0.1%
Peace Corps	21	1	0.0%
MISSING	99	8918	
TOTALS:		11222	100.0%

APPLICANT/ACCESSION RECORD — TAPE POS. 92-92 — FORMAT: F1.

APS = PRIOR SERVICE

RESPONSE	VALUE	FREQ	PERCENT
Non-Prior Service	1	2312	98.9%
Prior Service	2	26	1.1%
MISSING	9	8884	
TOTALS:		11222	100.0%

APPLICANT/ACCESSION RECORD — TAPE POS. 93-94 — FORMAT: F2.

AMFC1 = PRIMARY MEDICAL FAILURE CODE

RESPONSE	VALUE	FREQ	PERCENT
Did Not Fail	1	1279	84.9%
Ears	22	4	0.3%
Eyes	24	2	0.1%
Ophthalmascope	25	3	0.2%
Ocular Motility	27	1	0.1%
Lungs and Chest	28	19	1.3%
Heart	29	9	0.6%
Vascular System	30	1	0.1%
Abdomen and Viscera	31	8	0.5%
Anus and Rectum	32	2	0.1%
Endocrine System	33	3	0.2%
G-U System	34	9	0.6%
Upper Extremities	35	13	0.9%
Feet	36	12	0.8%
Lower Extremities	37	21	1.4%
Spine	38	8	0.5%
Body Marks	39	1	0.1%
Skin, Lymphatics	40	12	0.8%
Neurologic	41	5	0.3%
Psychiatric	42	5	0.3%
Dental	44	5	0.3%
Urinanalysis	45	7	0.5%
Chest X-Ray	46	1	0.1%
Height	51	1	0.1%
Weight	52	36	2.4%
Blood Pressure	57	18	1.2%
Distant Vision	59	4	0.3%
Refraction	60	3	0.2%
Near Vision	61	1	0.1%
Audiometer	71	13	0.9%
Narcotic Drug Use	89	1	0.1%
MISSING	99	9715	
TOTALS:		11222	100.0%

APPLICANT/ACCESSION RECORD — TAPE POS. 95-100 — FORMAT: 3F2.0

ADOE = DATE OF ENTRY

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC VALUE MONTH	DAY	YEAR
MAXIMUM		26DEC79	12	26	79
3RD QUARTILE		05FEB74	2	5	74
MEDIAN		30NOV72	11	30	72
1ST QUARTILE		08AUG72	8	8	72
MINIMUM		07JUL71	7	7	71
MISSING	9089	.	99	99	99
TOTALS:	11222				

NOTE: This item is stored as a single SAS date value (with format DATE7.) in the SAS system file. It is stored as three sub-items, month, day, and year (with format 3F2.0), in the EBCDIC character file. This user's manual displays the quartile distribution of the continuous date values of this variable.

APPLICANT/ACCESSION RECORD — TAPE POS. 101-101 — FORMAT: F1.

ATERM = TERM OF ENLISTMENT

RESPONSE	VALUE	FREQ	PERCENT
2 Years	2	106	7.1%
3 Years	3	482	32.5%
4 Years	4	816	55.0%
6 Years	6	79	5.3%
MISSING	9	9739	
TOTALS:		11222	100.0%

APPLICANT/ACCESSION RECORD — TAPE POS. 102-102 — FORMAT: F1.

APG = PAY GRADE

RESPONSE	VALUE	FREQ	PERCENT
E-1	1	1157	85.3%
E-2	2	60	4.4%
E-3	3	135	10.0%
E-4	4	4	0.3%
MISSING	9	9866	
TOTALS:		11222	100.0%

APPLICANT/ACCESSION RECORD — TAPE POS. 103-108 — FORMAT: 3F2.0

ADOEDEP = DATE OF ENTRY TO DELAYED ENTRY PROG

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC VALUE MONTH	DAY	YEAR
MAXIMUM		01AUG79	8	1	79
3RD QUARTILE		18OCT77	10	18	77
MEDIAN		02NOV76	11	2	76
1ST QUARTILE		01JUN76	6	1	76
MINIMUM		11FEB75	2	11	75
MISSING	11097	.	99	99	99
TOTALS:	11222				

NOTE: This item is stored as a single SAS date value (with format DATE7.) in the SAS system file. It is stored as three sub-items, month, day, and year (with format 3F2.0), in the EBCDIC character file. This user's manual displays the quartile distribution of the continuous date values of this variable.

1972 MASTER RECORD — TAPE POS. 109-114 — FORMAT: 3F2.0

M2BASD = BASIC ACTIVE SERVICE DATE

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC VALUE MONTH	DAY	YEAR
MAXIMUM		30JUN72	6	30	72
3RD QUARTILE		19JUN72	6	19	72
MEDIAN		10JUN72	6	10	72
1ST QUARTILE		10JUN72	6	10	72
MINIMUM		30JUL69	7	30	69
MISSING	11061	.	99	99	99
TOTALS:	11222				

NOTE: This item is stored as a single SAS date value (with format DATE7.) in the SAS system file. It is stored as three sub-items, month, day, and year (with format 3F2.0), in the EBCDIC character file. This user's manual displays the quartile distribution of the continuous date values of this variable.

1972 MASTER RECORD — TAPE POS. 115-120 — FORMAT: 3F2.0

M2PEBD = PAY ENTRY BASE DATE

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC VALUE MONTH	DAY	YEAR
MAXIMUM		30JUN72	6	30	72
3RD QUARTILE		10JUN72	6	10	72
MEDIAN		10APR72	4	10	72
1ST QUARTILE		08MAR72	3	8	72
MINIMUM		30JUL69	7	30	69
MISSING	11061	.	99	99	99
TOTALS:	11222				

NOTE: This item is stored as a single SAS date value (with format DATE7.) in the SAS system file. It is stored as three sub-items, month, day, and year (with format 3F2.0), in the EBCDIC character file. This user's manual displays the quartile distribution of the continuous date values of this variable.

1972 MASTER RECORD — TAPE POS. 121-124
FORMAT: 2F2.0

M2DOLE = DATE OF LATEST ENLISTMENT

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC MONTH	VALUE YEAR
MAXIMUM		JUN72	6	72
3RD QUARTILE		JUN72	6	72
MEDIAN		JUN72	6	72
1ST QUARTILE		JUN72	6	72
MINIMUM		JUL69	7	69
MISSING	11062	.	99	99
TOTALS:	11222			

NOTE: This item is stored as a single SAS date value (with format MONYY5.) in the SAS system file. It is stored as two sub-items, month and year (with format 2F2.0), in the EBCDIC character file. An arbitrary day of the month, the 10th, was assigned in creating the date value. This user's manual displays the quartile distribution of the continuous values of this variable.

1972 MASTER RECORD — TAPE POS. 125-125
FORMAT: F1.

M2SOP = SOURCE OF ORIGINAL PROCUREMENT

RESPONSE	VALUE	FREQ	PERCENT
Voluntary Enlistment	1	157	97.5%
Induct, Res Recall	2	4	2.5%
MISSING	9	11061	
TOTALS:		11222	100.0%

1972 MASTER RECORD — TAPE POS. 126-126
FORMAT: F1.

M2SVC = SERVICE CODE

RESPONSE	VALUE	FREQ	PERCENT
Army	1	66	41.0%
Navy	2	42	26.1%
Marine Corps	3	27	16.8%
Air Force	4	26	16.1%
MISSING	9	11061	
TOTALS:		11222	100.0%

1972 MASTER RECORD — TAPE POS. 127-127
FORMAT: F1.

M2COMP = SERVICE COMPONENT

RESPONSE	VALUE	FREQ	PERCENT
Regular	1	157	97.5%
Temporary	2	2	1.2%
Reserve	3	2	1.2%
MISSING	9	11061	
TOTALS:		11222	100.0%

1972 MASTER RECORD — TAPE POS. 128-129
FORMAT: F2.

M2TAFMS = TOTAL ACTIVE FEDERAL MILIT SERVICE

PERCENTILE DISTRIBUTION	VALUE	FREQ
MAXIMUM	35	
3RD QUARTILE	1	
MEDIAN	1	
1ST QUARTILE	1	
MINIMUM	1	
MISSING	99	11061
TOTALS:		11222

NOTE: This item is stored as a continuous variable in the data file. This user's manual displays the quartile distribution of the continuous values of this variable.

1972 MASTER RECORD — TAPE POS. 130-133
FORMAT: 2F2.0

M2ETS = ESTIMATED TIME OF SEPARATION

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC MONTH	VALUE YEAR
MAXIMUM		JUN76	6	76
3RD QUARTILE		JUN76	6	76
MEDIAN		JUN75	6	75
1ST QUARTILE		JUN75	6	75
MINIMUM		MAY73	5	73
MISSING	11061	.	99	99
TOTALS:	11222			

NOTE: This item is stored as a single SAS date value (with format MONYY5.) in the SAS system file. It is stored as two sub-items, month and year (with format 2F2.0), in the EBCDIC character file. An arbitrary day of the month, the 20th, was assigned in creating the date value. This user's manual displays the quartile distribution of the continuous values of this variable.

1972 MASTER RECORD — TAPE POS. 134-139
FORMAT: 3F2.0

M2DOS = DATE OF SEPARATION

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC MONTH	DAY	YEAR
MAXIMUM		28JUN76	6	28	76
3RD QUARTILE		26JUN76	6	26	76
MEDIAN		18JUN76	6	18	76
1ST QUARTILE		13JUN76	6	13	76
MINIMUM		17JUN73	6	17	73
MISSING	11196	.	99	99	99
TOTALS:	11222				

NOTE: This item is stored as a single SAS date value (with format DATE7.) in the SAS system file. It is stored as three sub-items, month, day, and year (with format 3F2.0), in the EBCDIC character file. This user's manual displays the quartile distribution of the continuous date values of this variable.

1972 MASTER RECORD — TAPE POS. 140-142
FORMAT: F3.

M2DPOC = DOD PRIMARY OCCUPATION CODE

RESPONSE	VALUE	FREQ	PERCENT
Infantry		2	6.7%
Electronic		8	26.7%
Communications		4	13.3%
Administrative		4	13.3%
Repair		5	16.7%
Service		7	23.3%
MISSING	999	11192	
TOTALS:		11222	100.0%

NOTE: This item is stored as a categorical variable with a large number of categories. Values were temporarily collapsed for display in this user's manual.

1972 MASTER RECORD — TAPE POS. 143-145
FORMAT: F3.

M2DDOC = DOD DUTY OCCUPATION CODE

RESPONSE	VALUE	FREQ	PERCENT
Administrative		1	33.3%
Repair		1	33.3%
Service		1	33.3%
MISSING	999	11219	
TOTALS:		11222	100.0%

NOTE: This item is stored as a categorical variable with a large number of categories. Values were temporarily collapsed for display in this user's manual.

1972 MASTER RECORD — TAPE POS. 146-146
FORMAT: F1.

M2PG = PAY GRADE

RESPONSE	VALUE	FREQ	PERCENT
E-1	1	134	83.2%
E-2	2	12	7.5%
E-3	3	10	6.2%
E-4	4	5	3.1%
MISSING	9	11061	
TOTALS:		11222	100.0%

1972 MASTER RECORD — TAPE POS. 147-150
FORMAT: 2F2.0

M2DCPG = DATE OF CURRENT PAY GRADE

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC VALUE MONTH	EBCDIC VALUE YEAR
MAXIMUM		JUN72	6	72
3RD QUARTILE		JUN72	6	72
MEDIAN		JUN72	6	72
1ST QUARTILE		MAY72	5	72
MINIMUM		JUN71	6	71
MISSING	11062	.	99	99
TOTALS:	11222			

NOTE: This item is stored as a single SAS date value (with format MONYY5.) in the SAS system file. It is stored as two sub-items, month and year (with format 2F2.0), in the EBCDIC character file. An arbitrary day of the month, the 10th, was assigned in creating the date value. This user's manual displays the quartile distribution of the continuous values of this variable.

1972 MASTER RECORD — TAPE POS. 151-152
FORMAT: F2.

M2TIG = TIME IN GRADE

PERCENTILE DISTRIBUTION	VALUE	FREQ
MAXIMUM	12	
3RD QUARTILE	3	
MEDIAN	1	
1ST QUARTILE	1	
MINIMUM	1	
MISSING	99	11119
TOTALS:		11222

NOTE: This item is stored as a continuous variable in the data file. This user's manual displays the quartile distribution of the continuous values of this variable.

1972 MASTER RECORD — TAPE POS. 153-153
FORMAT: F1.

M2MS = MARITAL STATUS

RESPONSE	VALUE	FREQ	PERCENT
Not Married	1	90	96.8%
Married	2	3	3.2%
MISSING	9	11129	
TOTALS:		11222	100.0%

1972 MASTER RECORD — TAPE POS. 154-154
FORMAT: F1.

M2DEPS = NUMBER OF DEPENDENTS

RESPONSE	VALUE	FREQ	PERCENT
None	1	149	93.1%
One	2	7	4.4%
Two	3	3	1.9%
Three	4	1	0.6%
MISSING	9	11062	
TOTALS:		11222	100.0%

1973 MASTER RECORD — TAPE POS. 155-160
FORMAT: 3F2.0

M3BASD = BASIC ACTIVE SERVICE DATE

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC VALUE MONTH	DAY	YEAR
MAXIMUM		22JUN73	6	22	73
3RD QUARTILE		02JAN73	1	2	73
MEDIAN		13SEP72	9	13	72
1ST QUARTILE		13JUL72	7	13	72
MINIMUM		30JUL69	7	30	69
MISSING	10339	.	99	99	99
TOTALS:	11222				

NOTE: This item is stored as a single SAS date value (with format DATE7.) in the SAS system file. It is stored as three sub-items, month, day, and year (with format 3F2.0), in the EBCDIC character file. This user's manual displays the quartile distribution of the continuous date values of this variable.

1973 MASTER RECORD — TAPE POS. 161-166
FORMAT: 3F2.0

M3PEBD = PAY ENTRY BASE DATE

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC VALUE MONTH	DAY	YEAR
MAXIMUM		15JUN73	6	15	73
3RD QUARTILE		10NOV72	11	10	72
MEDIAN		10AUG72	8	10	72
1ST QUARTILE		30MAY72	5	30	72
MINIMUM		30JUL69	7	30	69
MISSING	10343	.	99	99	99
TOTALS:	11222				

NOTE: This item is stored as a single SAS date value (with format DATE7.) in the SAS system file. It is stored as three sub-items, month, day, and year (with format 3F2.0), in the EBCDIC character file. This user's manual displays the quartile distribution of the continuous date values of this variable.

1973 MASTER RECORD — TAPE POS. 167-170
FORMAT: 2F2.0

M3DOLE = DATE OF LATEST ENLISTMENT

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC VALUE MONTH	YEAR
MAXIMUM		JUN73	6	73
3RD QUARTILE		JAN73	1	73
MEDIAN		SEP72	9	72
1ST QUARTILE		JUL72	7	72
MINIMUM		FEB71	2	71
MISSING	10575	.	99	99
TOTALS:	11222			

NOTE: This item is stored as a single SAS date value (with format MONYY5.) in the SAS system file. It is stored as two sub-items, month and year (with format 2F2.0), in the EBCDIC character file. An arbitrary day of the month, the 10th, was assigned in creating the date value. This user's manual displays the quartile distribution of the continuous values of this variable.

1973 MASTER RECORD — TAPE POS. 171-171
FORMAT: F1.

M3SOP = SOURCE OF ORIGINAL PROCUREMENT

RESPONSE	VALUE	FREQ	PERCENT
Voluntary Enlistment	1	841	95.2%
Induct, Res Recall	2	42	4.8%
MISSING	9	10339	
TOTALS:		11222	100.0%

1973 MASTER RECORD — TAPE POS. 172-172
FORMAT: F1.

M3SVC = SERVICE CODE

RESPONSE	VALUE	FREQ	PERCENT
Army	1	284	32.2%
Navy	2	262	29.7%
Marine Corps	3	99	11.2%
Air Force	4	238	27.0%
MISSING	9	10339	
TOTALS:		11222	100.0%

1973 MASTER RECORD — TAPE POS. 173-173
FORMAT: F1.

M3COMP = SERVICE COMPONENT

RESPONSE	VALUE	FREQ	PERCENT
Regular	1	840	95.1%
Temporary	2	9	1.0%
Reserve	3	34	3.9%
MISSING	9	10339	
TOTALS:		11222	100.0%

1973 MASTER RECORD — TAPE POS. 174-175
FORMAT: F2.

M3TAFMS = TOTAL ACTIVE FEDERAL MILIT SERVICE

PERCENTILE DISTRIBUTION	VALUE	FREQ
MAXIMUM	47	
3RD QUARTILE	11	
MEDIAN	9	
1ST QUARTILE	5	
MINIMUM	1	
MISSING	99	10339
TOTALS:		11222

NOTE: This item is stored as a continuous variable in the data file. This user's manual displays the quartile distribution of the continuous values of this variable.

1973 MASTER RECORD — TAPE POS. 176-179
FORMAT: 2F2.0

M3ETS = ESTIMATED TIME OF SEPARATION

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC VALUE MONTH	YEAR
MAXIMUM		JUN79	6	79
3RD QUARTILE		NOV76	11	76
MEDIAN		JUN76	6	76
1ST QUARTILE		AUG75	8	75
MINIMUM		JUL73	7	73
MISSING	10339	.	99	99
TOTALS:	11222			

NOTE: This item is stored as a single SAS date value (with format DATE7.) in the SAS system file. It is stored as two sub-items, month and year (with format 2F2.0), in the EBCDIC character file. An arbitrary day of the month, the 20th, was assigned in creating the date value. This user's manual displays the quartile distribution of the continuous values of this variable.

1973 MASTER RECORD — TAPE POS. 180-185
FORMAT: 3F2.0

M3DOS = DATE OF SEPARATION

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC VALUE MONTH	DAY	YEAR
MAXIMUM		20JUN79	6	20	79
3RD QUARTILE		20FEB77	2	20	77
MEDIAN		20OCT76	10	20	76
1ST QUARTILE		20AUG76	8	20	76
MINIMUM		20JUL73	7	20	73
MISSING	10988	.	99	99	99
TOTALS:	11222				

NOTE: This item is stored as a single SAS date value (with format DATE7.) in the SAS system file. It is stored as three sub-items, month, day, and year (with format 3F2.0), in the EBCDIC character file. This user's manual displays the quartile distribution of the continuous date values of this variable.

1973 MASTER RECORD — TAPE POS. 186-188
FORMAT: F3.

M3DPOC = DOD PRIMARY OCCUPATION CODE

RESPONSE	VALUE	FREQ	PERCENT
Infantry		125	16.7%
Electronic		68	9.1%
Communications		44	5.9%
Medical		32	4.3%
Technical		11	1.5%
Administrative		126	16.8%
Repair		206	27.5%
Craft		38	5.1%
Service		99	13.2%
MISSING	999	10473	
TOTALS:		11222	100.0%

NOTE: This item is stored as a categorical variable with a large number of categories. Values were temporarily collapsed for display in this user's manual.

1973 MASTER RECORD — TAPE POS. 189-191
FORMAT: F3.

M3DDOC = DOD DUTY OCCUPATION CODE

RESPONSE	VALUE	FREQ	PERCENT
Infantry		105	16.5%
Electronic		58	9.1%
Communications		35	5.5%
Medical		33	5.2%
Technical		7	1.1%
Administrative		110	17.3%
Repair		170	26.7%
Craft		32	5.0%
Service		86	13.5%
MISSING	999	10586	
TOTALS:		11222	100.0%

NOTE: This item is stored as a categorical variable with a large number of categories. Values were temporarily collapsed for display in this user's manual.

1973 MASTER RECORD — TAPE POS. 192-192
FORMAT: F1.

M3PG = PAY GRADE

RESPONSE	VALUE	FREQ	PERCENT
E-1	1	154	17.4%
E-2	2	514	58.2%
E-3	3	180	20.4%
E-4	4	33	3.7%
E-5	5	2	0.2%
MISSING	9	10339	
TOTALS:		11222	100.0%

1973 MASTER RECORD — TAPE POS. 193-196, FORMAT: 2F2.0

M3DCPG = DATE OF CURRENT PAY GRADE

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC VALUE MONTH	YEAR
MAXIMUM		JUN73	6	73
3RD QUARTILE		APR73	4	73
MEDIAN		FEB73	2	73
1ST QUARTILE		NOV72	11	72
MINIMUM		NOV71	11	71
MISSING	10340	.	99	99
TOTALS:	11222			

NOTE: This item is stored as a single SAS date value (with format MONYY5.) in the SAS system file. It is stored as two sub-items, month and year (with format 2F2.0), in the EBCDIC character file. An arbitrary day of the month, the 10th, was assigned in creating the date value. This user's manual displays the quartile distribution of the continuous values of this variable.

1973 MASTER RECORD — TAPE POS. 197-198, FORMAT: F2.

M3TIG = TIME IN GRADE

PERCENTILE DISTRIBUTION	VALUE	FREQ
MAXIMUM	19	
3RD QUARTILE	7	
MEDIAN	4	
1ST QUARTILE	2	
MINIMUM	1	
MISSING	99	10340
TOTALS:		11222

NOTE: This item is stored as a continuous variable in the data file. This user's manual displays the quartile distribution of the continuous values of this variable.

1973 MASTER RECORD — TAPE POS. 199-199, FORMAT: F1.

M3MS = MARITAL STATUS

RESPONSE	VALUE	FREQ	PERCENT
Not Married	1	587	91.7%
Married	2	53	8.3%
MISSING	9	10582	
TOTALS:		11222	100.0%

1973 MASTER RECORD — TAPE POS. 200-200, FORMAT: F1.

M3DEPS = NUMBER OF DEPENDENTS

RESPONSE	VALUE	FREQ	PERCENT
None	1	803	90.9%
One	2	64	7.2%
Two	3	14	1.6%
Three	4	2	0.2%
MISSING	9	10339	
TOTALS:		11222	100.0%

1974 MASTER RECORD — TAPE POS. 201-206, FORMAT: 3F2.0

M4BASD = BASIC ACTIVE SERVICE DATE

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC VALUE MONTH	DAY	YEAR
MAXIMUM		28JUN74	6	28	74
3RD QUARTILE		02MAY73	5	2	73
MEDIAN		07NOV72	11	7	72
1ST QUARTILE		10AUG72	8	10	72
MINIMUM		30JUL69	7	30	69
MISSING	10227	.	99	99	99
TOTALS:	11222				

NOTE: This item is stored as a single SAS date value (with format DATE7.) in the SAS system file. It is stored as three sub-items, month, day, and year (with format 3F2.0), in the EBCDIC character file. This user's manual displays the quartile distribution of the continuous date values of this variable.

1974 MASTER RECORD — TAPE POS. 207-212, FORMAT: 3F2.0

M4PEBD = PAY ENTRY BASE DATE

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC VALUE MONTH	DAY	YEAR
MAXIMUM		28JUN74	6	28	74
3RD QUARTILE		10MAR73	3	10	73
MEDIAN		14SEP72	9	14	72
1ST QUARTILE		10JUN72	6	10	72
MINIMUM		30JUL69	7	30	69
MISSING	10227	.	99	99	99
TOTALS:	11222				

NOTE: This item is stored as a single SAS date value (with format DATE7.) in the SAS system file. It is stored as three sub-items, month, day, and year (with format 3F2.0), in the EBCDIC character file. This user's manual displays the quartile distribution of the continuous date values of this variable.

1974 MASTER RECORD — TAPE POS. 213-216
FORMAT: 2F2.0

M4DOLE = DATE OF LATEST ENLISTMENT

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC VALUE MONTH	YEAR
MAXIMUM		JUN74	6	74
3RD QUARTILE		MAY73	5	73
MEDIAN		NOV72	11	72
1ST QUARTILE		AUG72	8	72
MINIMUM		JAN71	1	71
MISSING	10227	.	99	99
TOTALS:	11222			

NOTE: This item is stored as a single SAS date value (with format MONYY5.) in the SAS system file. It is stored as two sub-items, month and year (with format 2F2.0), in the EBCDIC character file. An arbitrary day of the month, the 10th, was assigned in creating the date value. This user's manual displays the quartile distribution of the continuous values of this variable.

1974 MASTER RECORD — TAPE POS. 217-217
FORMAT: F1.

M4SOP = SOURCE OF ORIGINAL PROCUREMENT

RESPONSE	VALUE	FREQ	PERCENT
Voluntary Enlistment	1	951	95.6%
Induct, Res Recall	2	43	4.3%
Aviation Training	9	1	0.1%
MISSING	9	10227	
TOTALS:		11222	100.0%

1974 MASTER RECORD — TAPE POS. 218-218
FORMAT: F1.

M4SVC = SERVICE CODE

RESPONSE	VALUE	FREQ	PERCENT
Army	1	331	33.3%
Navy	2	289	29.0%
Marine Corps	3	103	10.4%
Air Force	4	272	27.3%
MISSING	9	10227	
TOTALS:		11222	100.0%

1974 MASTER RECORD — TAPE POS. 219-219
FORMAT: F1.

M4COMP = SERVICE COMPONENT

RESPONSE	VALUE	FREQ	PERCENT
Regular	1	951	95.6%
Temporary	2	8	0.8%
Reserve	3	36	3.6%
MISSING	9	10227	
TOTALS:		11222	100.0%

1974 MASTER RECORD — TAPE POS. 220-221
FORMAT: F2.

M4TAFMS = TOTAL ACTIVE FEDERAL MILIT SERVICE

PERCENTILE DISTRIBUTION	VALUE	FREQ
MAXIMUM	59	
3RD QUARTILE	22	
MEDIAN	19	
1ST QUARTILE	13	
MINIMUM	1	
MISSING	99	10227
TOTALS:		11222

NOTE: This item is stored as a continuous variable in the data file. This user's manual displays the quartile distribution of the continuous values of this variable.

1974 MASTER RECORD — TAPE POS. 222-225
FORMAT: 2F2.0

M4ETS = ESTIMATED TIME OF SEPARATION

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC VALUE MONTH	YEAR
MAXIMUM		JUN80	6	80
3RD QUARTILE		MAR77	3	77
MEDIAN		AUG76	8	76
1ST QUARTILE		OCT75	10	75
MINIMUM		JUN74	6	74
MISSING	10227	.	99	99
TOTALS:	11222			

NOTE: This item is stored as a single SAS date value (with format MONYY5.) in the SAS system file. It is stored as two sub-items, month and year (with format 2F2.0), in the EBCDIC character file. An arbitrary day of the month, the 20th, was assigned in creating the date value. This user's manual displays the quartile distribution of the continuous values of this variable.

1974 MASTER RECORD — TAPE POS. 226-231
FORMAT: 3F2.0

M4DOS = DATE OF SEPARATION

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC VALUE MONTH	DAY	YEAR
MAXIMUM		20MAY80	5	20	80
3RD QUARTILE		20SEP77	9	20	77
MEDIAN		20JAN77	1	20	77
1ST QUARTILE		20SEP76	9	20	76
MINIMUM		20DEC75	12	20	75
MISSING	10950	.	99	99	99
TOTALS:	11222				

NOTE: This item is stored as a single SAS date value (with format DATE7.) in the SAS system file. It is stored as three sub-items, month, day, and year (with format 3F2.0), in the EBCDIC character file. This user's manual displays the quartile distribution of the continuous date values of this variable.

1974 MASTER RECORD — TAPE POS. 232-234 — FORMAT: F3.

M4DPOC = DOD PRIMARY OCCUPATION CODE

RESPONSE	VALUE	FREQ	PERCENT
Infantry		138	16.4%
Electronic		88	10.5%
Communications		64	7.6%
Medical		48	5.7%
Technical		14	1.7%
Administrative		133	15.8%
Repair		210	24.9%
Craft		41	4.9%
Service		106	12.6%
MISSING	999	10380	
TOTALS:		11222	100.0%

NOTE: This item is stored as a categorical variable with a large number of categories. Values were temporarily collapsed for display in this user's manual.

1974 MASTER RECORD — TAPE POS. 235-237 — FORMAT: F3.

M4DDOC = DOD DUTY OCCUPATION CODE

RESPONSE	VALUE	FREQ	PERCENT
Infantry		119	14.7%
Electronic		87	10.7%
Communications		58	7.1%
Medical		44	5.4%
Technical		13	1.6%
Administrative		136	16.7%
Repair		210	25.9%
Craft		37	4.6%
Service		108	13.3%
MISSING	999	10410	
TOTALS:		11222	100.0%

NOTE: This item is stored as a categorical variable with a large number of categories. Values were temporarily collapsed for display in this user's manual.

1974 MASTER RECORD — TAPE POS. 238-239 — FORMAT: F2.

M4PG = PAY GRADE

RESPONSE	VALUE	FREQ	PERCENT
E-1	1	80	8.0%
E-2	2	193	19.4%
E-3	3	451	45.3%
E-4	4	266	26.7%
E-5	5	4	0.4%
W-1	11	1	0.1%
MISSING	99	10227	
TOTALS:		11222	100.0%

1974 MASTER RECORD — TAPE POS. 240-243 — FORMAT: 2F2.0

M4DCPG = DATE OF CURRENT PAY GRADE

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC VALUE MONTH	EBCDIC VALUE YEAR
MAXIMUM		JUN74	6	74
3RD QUARTILE		MAR74	3	74
MEDIAN		JAN74	1	74
1ST QUARTILE		AUG73	8	73
MINIMUM		NOV71	11	71
MISSING	10246	.	99	99
TOTALS:	11222			

NOTE: This item is stored as a single SAS date value (with format MONYY5.) in the SAS system file. It is stored as two sub-items, month and year (with format 2F2.0), in the EBCDIC character file. An arbitrary day of the month, the 10th, was assigned in creating the date value. This user's manual displays the quartile distribution of the continuous values of this variable.

1974 MASTER RECORD — TAPE POS. 244-245 — FORMAT: F2.

M4TIG = TIME IN GRADE

PERCENTILE DISTRIBUTION	VALUE	FREQ
MAXIMUM	31	
3RD QUARTILE	10	
MEDIAN	5	
1ST QUARTILE	3	
MINIMUM	1	
MISSING	99	10246
TOTALS:		11222

NOTE: This item is stored as a continuous variable in the data file. This user's manual displays the quartile distribution of the continuous values of this variable.

1974 MASTER RECORD — TAPE POS. 246-246 — FORMAT: F1.

M4MS = MARITAL STATUS

RESPONSE	VALUE	FREQ	PERCENT
Not Married	1	620	79.5%
Married	2	160	20.5%
MISSING	9	10442	
TOTALS:		11222	100.0%

1974 MASTER RECORD — TAPE POS. 247-247
FORMAT: F1.

M4DEPS = NUMBER OF DEPENDENTS

RESPONSE	VALUE	FREQ	PERCENT
None	1	801	80.5%
One	2	146	14.7%
Two	3	44	4.4%
Three	4	4	0.4%
MISSING	9	10227	
TOTALS:		11222	100.0%

1975 MASTER RECORD — TAPE POS. 248-253
FORMAT: 3F2.0

M5BASD = BASIC ACTIVE SERVICE DATE

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC VALUE MONTH	DAY	YEAR
MAXIMUM		30JUN75	6	30	75
3RD QUARTILE		10JAN74	1	10	74
MEDIAN		11JAN73	1	11	73
1ST QUARTILE		25AUG72	8	25	72
MINIMUM		30JUL69	7	30	69
MISSING	10251	.	99	99	99
TOTALS:	11222				

NOTE: This item is stored as a single SAS date value (with format DATE7.) in the SAS system file. It is stored as three sub-items, month, day, and year (with format 3F2.0), in the EBCDIC character file. This user's manual displays the quartile distribution of the continuous date values of this variable.

1975 MASTER RECORD — TAPE POS. 254-259
FORMAT: 3F2.0

M5PEBD = PAY ENTRY BASE DATE

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC VALUE MONTH	DAY	YEAR
MAXIMUM		10JUN75	6	10	75
3RD QUARTILE		20NOV73	11	20	73
MEDIAN		04DEC72	12	4	72
1ST QUARTILE		30JUN72	6	30	72
MINIMUM		30JUL69	7	30	69
MISSING	10251	.	99	99	99
TOTALS:	11222				

NOTE: This item is stored as a single SAS date value (with format DATE7.) in the SAS system file. It is stored as three sub-items, month, day, and year (with format 3F2.0), in the EBCDIC character file. This user's manual displays the quartile distribution of the continuous date values of this variable.

1975 MASTER RECORD — TAPE POS. 260-263
FORMAT: 2F2.0

M5DOLE = DATE OF LATEST ENLISTMENT

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC VALUE MONTH	YEAR
MAXIMUM		JUN75	6	75
3RD QUARTILE		MAY74	5	74
MEDIAN		MAR73	3	73
1ST QUARTILE		SEP72	9	72
MINIMUM		MAR72	3	72
MISSING	10250	.	99	99
TOTALS:	11222			

NOTE: This item is stored as a single SAS date value (with format MONYY5.) in the SAS system file. It is stored as two sub-items, month and year (with format 2F2.0), in the EBCDIC character file. An arbitrary day of the month, the 10th, was assigned in creating the date value. This user's manual displays the quartile distribution of the continuous values of this variable.

1975 MASTER RECORD — TAPE POS. 264-264
FORMAT: F1.

M5SOP = SOURCE OF ORIGINAL PROCUREMENT

RESPONSE	VALUE	FREQ	PERCENT
Voluntary Enlistment	1	630	64.8%
Induct, Res Recall	2	341	35.1%
Aviation Training	9	1	0.1%
MISSING	9	10250	
TOTALS:		11222	100.0%

1975 MASTER RECORD — TAPE POS. 265-265
FORMAT: F1.

M5SVC = SERVICE CODE

RESPONSE	VALUE	FREQ	PERCENT
Army	1	331	34.1%
Navy	2	264	27.2%
Marine Corps	3	96	9.9%
Air Force	4	281	28.9%
MISSING	9	10250	
TOTALS:		11222	100.0%

1975 MASTER RECORD — TAPE POS. 266-266
FORMAT: F1.

M5COMP = SERVICE COMPONENT

RESPONSE	VALUE	FREQ	PERCENT
Regular	1	956	98.4%
Reserve	3	15	1.5%
Natl Guard	4	1	0.1%
MISSING	9	10250	
TOTALS:		11222	100.0%

1975 MASTER RECORD — TAPE POS. 267-268 — FORMAT: F2.

M5TAFMS = TOTAL ACTIVE FEDERAL MILIT SERVICE

PERCENTILE DISTRIBUTION	VALUE	FREQ
MAXIMUM	71	
3RD QUARTILE	34	
MEDIAN	29	
1ST QUARTILE	17	
MINIMUM	1	
MISSING	99	10251
TOTALS:		11222

NOTE: This item is stored as a continuous variable in the data file. This user's manual displays the quartile distribution of the continuous values of this variable.

1975 MASTER RECORD — TAPE POS. 269-272 — FORMAT: 2F2.0

M5ETS = ESTIMATED TIME OF SEPARATION

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC VALUE MONTH	YEAR
MAXIMUM		OCT82	10	82
3RD QUARTILE		MAY78	5	78
MEDIAN		JAN77	1	77
1ST QUARTILE		JUL76	7	76
MINIMUM		MAY75	5	75
MISSING	10252	.	99	99
TOTALS:	11222			

NOTE: This item is stored as a single SAS date value (with format MONYY5.) in the SAS system file. It is stored as two sub-items, month and year (with format 2F2.0), in the EBCDIC character file. An arbitrary day of the month, the 20th, was assigned in creating the date value. This user's manual displays the quartile distribution of the continuous values of this variable.

1975 MASTER RECORD — TAPE POS. 273-278 — FORMAT: 3F2.0

M5DOS = DATE OF SEPARATION

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC VALUE MONTH	DAY	YEAR
MAXIMUM		20MAY81	5	20	81
3RD QUARTILE		20JUL78	7	20	78
MEDIAN		20APR77	4	20	77
1ST QUARTILE		20OCT76	10	20	76
MINIMUM		20JUL75	7	20	75
MISSING	10941	.	99	99	99
TOTALS:	11222				

NOTE: This item is stored as a single SAS date value (with format DATE7.) in the SAS system file. It is stored as three sub-items, month, day, and year (with format 3F2.0), in the EBCDIC character file. This user's manual displays the quartile distribution of the continuous date values of this variable.

1975 MASTER RECORD — TAPE POS. 279-281 — FORMAT: F3.

M5DPOC = DOD PRIMARY OCCUPATION CODE

RESPONSE	VALUE	FREQ	PERCENT
Infantry		123	14.2%
Electronic		99	11.4%
Communications		69	7.9%
Medical		47	5.4%
Technical		22	2.5%
Administrative		138	15.9%
Repair		222	25.5%
Craft		42	4.8%
Service		107	12.3%
MISSING	999	10353	
TOTALS:		11222	100.0%

NOTE: This item is stored as a categorical variable with a large number of categories. Values were temporarily collapsed for display in this user's manual.

1975 MASTER RECORD — TAPE POS. 282-284 — FORMAT: F3.

M5DDOC = DOD DUTY OCCUPATION CODE

RESPONSE	VALUE	FREQ	PERCENT
Infantry		112	13.0%
Electronic		98	11.4%
Communications		65	7.6%
Medical		46	5.4%
Technical		27	3.1%
Administrative		143	16.6%
Repair		221	25.7%
Craft		39	4.5%
Service		108	12.6%
MISSING	999	10363	
TOTALS:		11222	100.0%

NOTE: This item is stored as a categorical variable with a large number of categories. Values were temporarily collapsed for display in this user's manual.

1975 MASTER RECORD — TAPE POS. 285-286 — FORMAT: F2.

M5PG = PAY GRADE

RESPONSE	VALUE	FREQ	PERCENT
E-1	1	56	5.8%
E-2	2	124	12.8%
E-3	3	298	30.7%
E-4	4	435	44.8%
E-5	5	57	5.9%
E-6	6	1	0.1%
W-1	11	1	0.1%
MISSING	99	10250	
TOTALS:		11222	100.0%

1975 MASTER RECORD — TAPE POS. 287-290
FORMAT: 2F2.0

M5DCPG = DATE OF CURRENT PAY GRADE

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC VALUE MONTH	YEAR
MAXIMUM		JUN75	6	75
3RD QUARTILE		FEB75	2	75
MEDIAN		OCT74	10	74
1ST QUARTILE		MAR74	3	74
MINIMUM		NOV71	11	71
MISSING	10264	.	99	99
TOTALS:	11222			

NOTE: This item is stored as a single SAS date value (with format MONYY5.) in the SAS system file. It is stored as two sub-items, month and year (with format 2F2.0), in the EBCDIC character file. An arbitrary day of the month, the 10th, was assigned in creating the date value. This user's manual displays the quartile distribution of the continuous values of this variable.

1975 MASTER RECORD — TAPE POS. 291-292
FORMAT: F2.

M5TIG = TIME IN GRADE

PERCENTILE DISTRIBUTION	VALUE	FREQ
MAXIMUM	43	
3RD QUARTILE	15	
MEDIAN	8	
1ST QUARTILE	4	
MINIMUM	1	
MISSING	99	10264
TOTALS:		11222

NOTE: This item is stored as a continuous variable in the data file. This user's manual displays the quartile distribution of the continuous values of this variable.

1975 MASTER RECORD — TAPE POS. 293-293
FORMAT: F1.

M5MS = MARITAL STATUS

RESPONSE	VALUE	FREQ	PERCENT
Not Married	1	579	68.0%
Married	2	272	32.0%
MISSING	9	10371	
TOTALS:		11222	100.0%

1975 MASTER RECORD — TAPE POS. 294-294
FORMAT: F1.

M5DEPS = NUMBER OF DEPENDENTS

RESPONSE	VALUE	FREQ	PERCENT
None	1	663	68.2%
One	2	222	22.8%
Two	3	71	7.3%
Three	4	12	1.2%
Four	5	3	0.3%
Five	6	1	0.1%
MISSING	9	10250	
TOTALS:		11222	100.0%

1976 MASTER RECORD — TAPE POS. 295-300
FORMAT: 3F2.0

M6BASD = BASIC ACTIVE SERVICE DATE

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC VALUE MONTH	DAY	YEAR
MAXIMUM		28JUN76	6	28	76
3RD QUARTILE		11OCT74	10	11	74
MEDIAN		20JUN73	6	20	73
1ST QUARTILE		07OCT72	10	7	72
MINIMUM		30JUL69	7	30	69
MISSING	10417	.	99	99	99
TOTALS:	11222				

NOTE: This item is stored as a single SAS date value (with format DATE7.) in the SAS system file. It is stored as three sub-items, month, day, and year (with format 3F2.0), in the EBCDIC character file. This user's manual displays the quartile distribution of the continuous date values of this variable.

1976 MASTER RECORD — TAPE POS. 301-306
FORMAT: 3F2.0

M6PEBD = PAY ENTRY BASE DATE

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC VALUE MONTH	DAY	YEAR
MAXIMUM		30JUN76	6	30	76
3RD QUARTILE		10SEP74	9	10	74
MEDIAN		02MAY73	5	2	73
1ST QUARTILE		07AUG72	8	7	72
MINIMUM		10JUN69	6	10	69
MISSING	10411	.	99	99	99
TOTALS:	11222				

NOTE: This item is stored as a single SAS date value (with format DATE7.) in the SAS system file. It is stored as three sub-items, month, day, and year (with format 3F2.0), in the EBCDIC character file. This user's manual displays the quartile distribution of the continuous date values of this variable.

1976 MASTER RECORD — TAPE POS. 307-310, FORMAT: 2F2.0

M6DOLE = DATE OF LATEST ENLISTMENT

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC VALUE MONTH	YEAR
MAXIMUM		JUN76	6	76
3RD QUARTILE		JUN75	6	75
MEDIAN		JUN74	6	74
1ST QUARTILE		FEB73	2	73
MINIMUM		FEB71	2	71
MISSING	10401	.	99	99
TOTALS:	11222			

NOTE: This item is stored as a single SAS date value (with format MONYY5.) in the SAS system file. It is stored as two sub-items, month and year (with format 2F2.0), in the EBCDIC character file. An arbitrary day of the month, the 10th, was assigned in creating the date value. This user's manual displays the quartile distribution of the continuous values of this variable.

1976 MASTER RECORD — TAPE POS. 311-311, FORMAT: F1.

M6SOP = SOURCE OF ORIGINAL PROCUREMENT

RESPONSE	VALUE	FREQ	PERCENT
Voluntary Enlistment	1	803	97.1%
Induct, Res Recall	2	20	2.4%
ROTC Non-School	3	1	0.1%
OCS Direct Procurmnt	4	1	0.1%
Direct Appt, Other	8	1	0.1%
Aviation Training	9	1	0.1%
MISSING	9	10395	
TOTALS:		11222	100.0%

1976 MASTER RECORD — TAPE POS. 312-312, FORMAT: F1.

M6SVC = SERVICE CODE

RESPONSE	VALUE	FREQ	PERCENT
Army	1	259	31.3%
Navy	2	227	27.4%
Marine Corps	3	74	8.9%
Air Force	4	267	32.3%
MISSING	9	10395	
TOTALS:		11222	100.0%

1976 MASTER RECORD — TAPE POS. 313-313, FORMAT: F1.

M6COMP = SERVICE COMPONENT

RESPONSE	VALUE	FREQ	PERCENT
Regular	1	810	97.9%
Reserve	3	17	2.1%
MISSING	9	10395	
TOTALS:		11222	100.0%

1976 MASTER RECORD — TAPE POS. 314-315, FORMAT: F2.

M6TAFMS = TOTAL ACTIVE FEDERAL MILIT SERVICE

PERCENTILE DISTRIBUTION	VALUE	FREQ
MAXIMUM	83	
3RD QUARTILE	44	
MEDIAN	35	
1ST QUARTILE	19	
MINIMUM	1	
MISSING	99	10404
TOTALS:		11222

NOTE: This item is stored as a continuous variable in the data file. This user's manual displays the quartile distribution of the continuous values of this variable.

1976 MASTER RECORD — TAPE POS. 316-319, FORMAT: 2F2.0

M6ETS = ESTIMATED TIME OF SEPARATION

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC VALUE MONTH	YEAR
MAXIMUM		JUN82	6	82
3RD QUARTILE		JUN79	6	79
MEDIAN		MAR78	3	78
1ST QUARTILE		JAN77	1	77
MINIMUM		MAY76	5	76
MISSING	10428	.	99	99
TOTALS:	11222			

NOTE: This item is stored as a single SAS date value (with format MONYY5.) in the SAS system file. It is stored as two sub-items, month and year (with format 2F2.0), in the EBCDIC character file. An arbitrary day of the month, the 20th, was assigned in creating the date value. This user's manual displays the quartile distribution of the continuous values of this variable.

1976 MASTER RECORD — TAPE POS. 320-325
FORMAT: 3F2.0

M6DOS = DATE OF SEPARATION

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC VALUE MONTH	DAY	YEAR
MAXIMUM		.	.	.	.
3RD QUARTILE		.	.	.	.
MEDIAN		.	.	.	.
1ST QUARTILE		.	.	.	.
MINIMUM		.	.	.	.
MISSING	11222	.	99	99	99
TOTALS:	11222				

NOTE: This item is stored as a single SAS date value (with format DATE7.) in the SAS system file. It is stored as three sub-items, month, day, and year (with format 3F2.0), in the EBCDIC character file. This user's manual displays the quartile distribution of the continuous date values of this variable.

1976 MASTER RECORD — TAPE POS. 326-328
FORMAT: F3.

M6DPOC = DOD PRIMARY OCCUPATION CODE

RESPONSE	VALUE	FREQ	PERCENT
Infantry		106	13.1%
Electronic		93	11.5%
Communications		72	8.9%
Medical		28	3.5%
Technical		30	3.7%
Administrative		93	11.5%
Repair		191	23.7%
Craft		29	3.6%
Service		93	11.5%
Non-Occupational		72	8.9%
MISSING	999	10415	
TOTALS:		11222	100.0%

NOTE: This item is stored as a categorical variable with a large number of categories. Values were temporarily collapsed for display in this user's manual.

1976 MASTER RECORD — TAPE POS. 329-331
FORMAT: F3.

M6DDOC = DOD DUTY OCCUPATION CODE

RESPONSE	VALUE	FREQ	PERCENT
Infantry		103	12.7%
Electronic		94	11.6%
Communications		64	7.9%
Medical		29	3.6%
Technical		29	3.6%
Administrative		103	12.7%
Repair		195	24.1%
Craft		29	3.6%
Service		95	11.7%
Non-Occupational		68	8.4%
MISSING	999	10413	
TOTALS:		11222	100.0%

NOTE: This item is stored as a categorical variable with a large number of categories. Values were temporarily collapsed for display in this user's manual.

1976 MASTER RECORD — TAPE POS. 332-333
FORMAT: F2.

M6PG = PAY GRADE

RESPONSE	VALUE	FREQ	PERCENT
E-1	1	26	3.1%
E-2	2	69	8.3%
E-3	3	179	21.6%
E-4	4	385	46.6%
E-5	5	130	15.7%
E-6	6	1	0.1%
W-2	12	1	0.1%
O-1	21	36	4.4%
MISSING	99	10395	
TOTALS:		11222	100.0%

1976 MASTER RECORD — TAPE POS. 334-337
FORMAT: 2F2.0

M6DCPG = DATE OF CURRENT PAY GRADE

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC VALUE MONTH	YEAR
MAXIMUM		JUN76	6	76
3RD QUARTILE		FEB76	2	76
MEDIAN		AUG75	8	75
1ST QUARTILE		JAN75	1	75
MINIMUM		NOV71	11	71
MISSING	10408	.	99	99
TOTALS:	11222			

NOTE: This item is stored as a single SAS date value (with format MONYY5.) in the SAS system file. It is stored as two sub-items, month and year (with format 2F2.0), in the EBCDIC character file. An arbitrary day of the month, the 10th, was assigned in creating the date value. This user's manual displays the quartile distribution of the continuous values of this variable.

1976 MASTER RECORD — TAPE POS. 338-339
FORMAT: F2.

M6TIG = TIME IN GRADE

PERCENTILE DISTRIBUTION	VALUE	FREQ
MAXIMUM	55	
3RD QUARTILE	17	
MEDIAN	10	
1ST QUARTILE	4	
MINIMUM	1	
MISSING	99	10408
TOTALS:		11222

NOTE: This item is stored as a continuous variable in the data file. This user's manual displays the quartile distribution of the continuous values of this variable.

1976 MASTER RECORD — TAPE POS. 340-340
FORMAT: F1.

M6MS = MARITAL STATUS

RESPONSE	VALUE	FREQ	PERCENT
Not Married	1	451	57.3%
Married	2	336	42.7%
MISSING	9	10435	
TOTALS:		11222	100.0%

1976 MASTER RECORD — TAPE POS. 341-341
FORMAT: F1.

M6DEPS = NUMBER OF DEPENDENTS

RESPONSE	VALUE	FREQ	PERCENT
None	1	478	57.9%
One	2	207	25.1%
Two	3	97	11.8%
Three	4	38	4.6%
Four	5	2	0.2%
Five	6	1	0.1%
	9	2	0.2%
MISSING	9	10397	
TOTALS:		11222	100.0%

1977 MASTER RECORD — TAPE POS. 342-347
FORMAT: 3F2.0

M7BASD = BASIC ACTIVE SERVICE DATE

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC VALUE MONTH	DAY	YEAR
MAXIMUM		22JUN77	6	22	77
3RD QUARTILE		02DEC75	12	2	75
MEDIAN		03MAY74	5	3	74
1ST QUARTILE		10DEC72	12	10	72
MINIMUM		30JUL69	7	30	69
MISSING	10543	.	99	99	99
TOTALS:	11222				

NOTE: This item is stored as a single SAS date value (with format DATE7.) in the SAS system file. It is stored as three sub-items, month, day, and year (with format 3F2.0), in the EBCDIC character file. This user's manual displays the quartile distribution of the continuous date values of this variable.

1977 MASTER RECORD — TAPE POS. 348-353
FORMAT: 3F2.0

M7PEBD = PAY ENTRY BASE DATE

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC VALUE MONTH	DAY	YEAR
MAXIMUM		15JUN77	6	15	77
3RD QUARTILE		24SEP75	9	24	75
MEDIAN		23FEB74	2	23	74
1ST QUARTILE		10OCT72	10	10	72
MINIMUM		10JUN69	6	10	69
MISSING	10538	.	99	99	99
TOTALS:	11222				

NOTE: This item is stored as a single SAS date value (with format DATE7.) in the SAS system file. It is stored as three sub-items, month, day, and year (with format 3F2.0), in the EBCDIC character file. This user's manual displays the quartile distribution of the continuous date values of this variable.

1977 MASTER RECORD — TAPE POS. 354-357
FORMAT: 2F2.0

M7DOLE = DATE OF LATEST ENLISTMENT

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC MONTH	EBCDIC YEAR
MAXIMUM		JUN77	6	77
3RD QUARTILE		AUG76	8	76
MEDIAN		OCT75	10	75
1ST QUARTILE		OCT74	10	74
MINIMUM		JUN72	6	72
MISSING	10543	.	99	99
TOTALS:	11222			

NOTE: This item is stored as a single SAS date value (with format MONYY5.) in the SAS system file. It is stored as two sub-items, month and year (with format 2F2.0), in the EBCDIC character file. An arbitrary day of the month, the 10th, was assigned in creating the date value. This user's manual displays the quartile distribution of the continuous values of this variable.

1977 MASTER RECORD — TAPE POS. 358-358
FORMAT: F1.

M7SOP = SOURCE OF ORIGINAL PROCUREMENT

RESPONSE	VALUE	FREQ	PERCENT
Voluntary Enlistment	1	624	91.6%
Induct, Res Recall	2	34	5.0%
ROTC Non-School	3	13	1.9%
OCS Direct Procurmnt	4	5	0.7%
OCS In-Service	5	1	0.1%
Direct Appt, Other	8	2	0.3%
Aviation Training	9	2	0.3%
MISSING	9	10541	
TOTALS:		11222	100.0%

1977 MASTER RECORD — TAPE POS. 359-359
FORMAT: F1.

M7SVC = SERVICE CODE

RESPONSE	VALUE	FREQ	PERCENT
Army	1	239	34.9%
Navy	2	175	25.5%
Marine Corps	3	49	7.2%
Air Force	4	222	32.4%
MISSING	9	10537	
TOTALS:		11222	100.0%

1977 MASTER RECORD — TAPE POS. 360-360
FORMAT: F1.

M7COMP = SERVICE COMPONENT

RESPONSE	VALUE	FREQ	PERCENT
Regular	1	639	93.3%
Reserve	3	46	6.7%
MISSING	9	10537	
TOTALS:		11222	100.0%

1977 MASTER RECORD — TAPE POS. 361-362
FORMAT: F2.

M7TAFMS = TOTAL ACTIVE FEDERAL MILIT SERVICE

PERCENTILE DISTRIBUTION	VALUE	FREQ
MAXIMUM	95	
3RD QUARTILE	54	
MEDIAN	37	
1ST QUARTILE	18	
MINIMUM	1	
MISSING	99	10537
TOTALS:		11222

NOTE: This item is stored as a continuous variable in the data file. This user's manual displays the quartile distribution of the continuous values of this variable.

1977 MASTER RECORD — TAPE POS. 363-366
FORMAT: 2F2.0

M7ETS = ESTIMATED TIME OF SEPARATION

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC MONTH	EBCDIC YEAR
MAXIMUM		JUN83	6	83
3RD QUARTILE		SEP80	9	80
MEDIAN		AUG79	8	79
1ST QUARTILE		AUG78	8	78
MINIMUM		JUN77	6	77
MISSING	10591	.	99	99
TOTALS:	11222			

NOTE: This item is stored as a single SAS date value (with format MONYY5.) in the SAS system file. It is stored as two sub-items, month and year (with format 2F2.0), in the EBCDIC character file. An arbitrary day of the month, the 20th, was assigned in creating the date value. This user's manual displays the quartile distribution of the continuous values of this variable.

1977 MASTER RECORD — TAPE POS. 367-372
FORMAT: 3F2.0

M7DOS = DATE OF SEPARATION

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC VALUE MONTH	DAY	YEAR
MAXIMUM		.	.	.	.
3RD QUARTILE		.	.	.	.
MEDIAN		.	.	.	.
1ST QUARTILE		.	.	.	.
MINIMUM		.	.	.	.
MISSING	11222	.	99	99	99
TOTALS:	11222				

NOTE: This item is stored as a single SAS date value (with format DATE7.) in the SAS system file. It is stored as three sub-items, month, day, and year (with format 3F2.0), in the EBCDIC character file. This user's manual displays the quartile distribution of the continuous date values of this variable.

1977 MASTER RECORD — TAPE POS. 373-375
FORMAT: F3.

M7DPOC = DOD PRIMARY OCCUPATION CODE

RESPONSE	VALUE	FREQ	PERCENT
Infantry		84	12.8%
Electronic		80	12.2%
Communications		71	10.8%
Medical		27	4.1%
Technical		30	4.6%
Administrative		73	11.1%
Repair		135	20.5%
Craft		33	5.0%
Service		72	10.9%
Non-Occupational		53	8.1%
MISSING	999	10564	
TOTALS:		11222	100.0%

NOTE: This item is stored as a categorical variable with a large number of categories. Values were temporarily collapsed for display in this user's manual.

1977 MASTER RECORD — TAPE POS. 376-378
FORMAT: F3.

M7DDOC = DOD DUTY OCCUPATION CODE

RESPONSE	VALUE	FREQ	PERCENT
Infantry		80	11.9%
Electronic		85	12.6%
Communications		72	10.7%
Medical		27	4.0%
Technical		30	4.5%
Administrative		77	11.4%
Repair		133	19.8%
Craft		33	4.9%
Service		69	10.3%
Non-Occupational		67	10.0%
MISSING	999	10549	
TOTALS:		11222	100.0%

NOTE: This item is stored as a categorical variable with a large number of categories. Values were temporarily collapsed for display in this user's manual.

1977 MASTER RECORD — TAPE POS. 379-380
FORMAT: F2.

M7PG = PAY GRADE

RESPONSE	VALUE	FREQ	PERCENT
E-1	1	15	2.2%
E-2	2	39	5.7%
E-3	3	102	14.9%
E-4	4	282	41.2%
E-5	5	158	23.1%
E-6	6	8	1.2%
W-1	11	1	0.1%
W-2	12	1	0.1%
O-1	21	79	11.5%
MISSING	99	10537	
TOTALS:		11222	100.0%

1977 MASTER RECORD — TAPE POS. 381-384
FORMAT: 2F2.0

M7DCPG = DATE OF CURRENT PAY GRADE

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC VALUE MONTH	YEAR
MAXIMUM		JUN77	6	77
3RD QUARTILE		DEC76	12	76
MEDIAN		JUN76	6	76
1ST QUARTILE		OCT75	10	75
MINIMUM		NOV71	11	71
MISSING	10549	.	99	99
TOTALS:	11222			

NOTE: This item is stored as a single SAS date value (with format MONYY5.) in the SAS system file. It is stored as two sub-items, month and year (with format 2F2.0), in the EBCDIC character file. An arbitrary day of the month, the 10th, was assigned in creating the date value. This user's manual displays the quartile distribution of the continuous values of this variable.

1977 MASTER RECORD — TAPE POS. 385-386
FORMAT: F2.

M7TIG = TIME IN GRADE

PERCENTILE DISTRIBUTION	VALUE	FREQ
MAXIMUM	67	
3RD QUARTILE	20	
MEDIAN	12	
1ST QUARTILE	6	
MINIMUM	1	
MISSING	99	10549
TOTALS:		11222

NOTE: This item is stored as a continuous variable in the data file. This user's manual displays the quartile distribution of the continuous values of this variable.

1977 MASTER RECORD — TAPE POS. 387-387
FORMAT: F1.

M7MS = MARITAL STATUS

RESPONSE	VALUE	FREQ	PERCENT
Not Married	1	329	48.3%
Married	2	352	51.7%
MISSING	9	10541	
TOTALS:		11222	100.0%

1977 MASTER RECORD — TAPE POS. 388-388
FORMAT: F1.

M7DEPS = NUMBER OF DEPENDENTS

RESPONSE	VALUE	FREQ	PERCENT
None	1	335	49.0%
One	2	175	25.6%
Two	3	117	17.1%
Three	4	48	7.0%
Four	5	7	1.0%
Five	6	1	0.1%
MISSING	9	10539	
TOTALS:		11222	100.0%

1978 MASTER RECORD — TAPE POS. 389-394
FORMAT: 3F2.0

M8BASD = BASIC ACTIVE SERVICE DATE

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC VALUE MONTH	DAY	YEAR
MAXIMUM		10JUN78	6	10	78
3RD QUARTILE		02JUN76	6	2	76
MEDIAN		10OCT74	10	10	74
1ST QUARTILE		15DEC72	12	15	72
MINIMUM		30JUL69	7	30	69
MISSING	10615	.	99	99	99
TOTALS:	11222				

NOTE: This item is stored as a single SAS date value (with format DATE7.) in the SAS system file. It is stored as three sub-items, month, day, and year (with format 3F2.0), in the EBCDIC character file. This user's manual displays the quartile distribution of the continuous date values of this variable.

1978 MASTER RECORD — TAPE POS. 395-400
FORMAT: 3F2.0

M8PEBD = PAY ENTRY BASE DATE

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC VALUE MONTH	DAY	YEAR
MAXIMUM		16JUN78	6	16	78
3RD QUARTILE		07MAY76	5	7	76
MEDIAN		01AUG74	8	1	74
1ST QUARTILE		10OCT72	10	10	72
MINIMUM		30JUL69	7	30	69
MISSING	10615	.	99	99	99
TOTALS:	11222				

NOTE: This item is stored as a single SAS date value (with format DATE7.) in the SAS system file. It is stored as three sub-items, month, day, and year (with format 3F2.0), in the EBCDIC character file. This user's manual displays the quartile distribution of the continuous date values of this variable.

1978 MASTER RECORD — TAPE POS. 401-404, FORMAT: 2F2.0

M8DOLE = DATE OF LATEST ENLISTMENT

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC VALUE MONTH	YEAR
MAXIMUM		JUN78	6	78
3RD QUARTILE		MAR77	3	77
MEDIAN		JUN76	6	76
1ST QUARTILE		JUL75	7	75
MINIMUM		JUN72	6	72
MISSING	10620	.	99	99
TOTALS:	11222			

NOTE: This item is stored as a single SAS date value (with format MONYY5.) in the SAS system file. It is stored as two sub-items, month and year (with format 2F2.0), in the EBCDIC character file. An arbitrary day of the month, the 10th, was assigned in creating the date value. This user's manual displays the quartile distribution of the continuous values of this variable.

1978 MASTER RECORD — TAPE POS. 405-405, FORMAT: F1.

M8SOP = SOURCE OF ORIGINAL PROCUREMENT

RESPONSE	VALUE	FREQ	PERCENT
Voluntary Enlistment	1	28	30.4%
Induct, Res Recall	2	30	32.6%
ROTC Non-School	3	19	20.7%
OCS Direct Procurmnt	4	8	8.7%
OCS In-Service	5	1	1.1%
Direct Appt, Other	8	4	4.3%
Aviation Training	9	2	2.2%
MISSING	9	11130	
TOTALS:		11222	100.0%

1978 MASTER RECORD — TAPE POS. 406-406, FORMAT: F1.

M8SVC = SERVICE CODE

RESPONSE	VALUE	FREQ	PERCENT
Army	1	210	34.5%
Navy	2	160	26.3%
Marine Corps	3	40	6.6%
Air Force	4	198	32.6%
MISSING	9	10614	
TOTALS:		11222	100.0%

1978 MASTER RECORD — TAPE POS. 407-407, FORMAT: F1.

M8COMP = SERVICE COMPONENT

RESPONSE	VALUE	FREQ	PERCENT
Regular	1	548	90.1%
Reserve	3	60	9.9%
MISSING	9	10614	
TOTALS:		11222	100.0%

1978 MASTER RECORD — TAPE POS. 408-410, FORMAT: F3.

M8TAFMS = TOTAL ACTIVE FEDERAL MILIT SERVICE

PERCENTILE DISTRIBUTION	VALUE	FREQ
MAXIMUM	107	
3RD QUARTILE	66	
MEDIAN	44	
1ST QUARTILE	24	
MINIMUM	1	
MISSING	999	10614
TOTALS:		11222

NOTE: This item is stored as a continuous variable in the data file. This user's manual displays the quartile distribution of the continuous values of this variable.

1978 MASTER RECORD — TAPE POS. 411-414, FORMAT: 2F2.0

M8ETS = ESTIMATED TIME OF SEPARATION

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC VALUE MONTH	YEAR
MAXIMUM		MAY84	5	84
3RD QUARTILE		APR81	4	81
MEDIAN		JUN80	6	80
1ST QUARTILE		MAY79	5	79
MINIMUM		MAY78	5	78
MISSING	10672	.	99	99
TOTALS:	11222			

NOTE: This item is stored as a single SAS date value (with format MONYY5.) in the SAS system file. It is stored as two sub-items, month and year (with format 2F2.0), in the EBCDIC character file. An arbitrary day of the month, the 20th, was assigned in creating the date value. This user's manual displays the quartile distribution of the continuous values of this variable.

1978 MASTER RECORD — TAPE POS. 415-420
FORMAT: 3F2.0

M8DOS = DATE OF SEPARATION

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC VALUE MONTH	DAY	YEAR
MAXIMUM		05DEC83	12	5	83
3RD QUARTILE		19MAY81	5	19	81
MEDIAN		11OCT80	10	11	80
1ST QUARTILE		23OCT79	10	23	79
MINIMUM		30JUN78	6	30	78
MISSING	11055	.	99	99	99
TOTALS:	11222				

NOTE: This item is stored as a single SAS date value (with format DATE7.) in the SAS system file. It is stored as three sub-items, month, day, and year (with format 3F2.0), in the EBCDIC character file. This user's manual displays the quartile distribution of the continuous date values of this variable.

1978 MASTER RECORD — TAPE POS. 421-423
FORMAT: F3.

M8DPOC = DOD PRIMARY OCCUPATION CODE

RESPONSE	VALUE	FREQ	PERCENT
Infantry		69	11.8%
Electronic		76	13.0%
Communications		91	15.5%
Medical		26	4.4%
Technical		24	4.1%
Administrative		64	10.9%
Repair		131	22.4%
Craft		29	4.9%
Service		46	7.8%
Non-Occupational		30	5.1%
MISSING	999	10636	
TOTALS:		11222	100.0%

NOTE: This item is stored as a categorical variable with a large number of categories. Values were temporarily collapsed for display in this user's manual.

1978 MASTER RECORD — TAPE POS. 424-426
FORMAT: F3.

M8DDOC = DOD DUTY OCCUPATION CODE

RESPONSE	VALUE	FREQ	PERCENT
Infantry		72	12.2%
Electronic		75	12.7%
Communications		94	15.9%
Medical		26	4.4%
Technical		23	3.9%
Administrative		65	11.0%
Repair		132	22.4%
Craft		28	4.7%
Service		43	7.3%
Non-Occupational		32	5.4%
MISSING	999	10632	
TOTALS:		11222	100.0%

NOTE: This item is stored as a categorical variable with a large number of categories. Values were temporarily collapsed for display in this user's manual.

1978 MASTER RECORD — TAPE POS. 427-428
FORMAT: F2.

M8PG = PAY GRADE

RESPONSE	VALUE	FREQ	PERCENT
E-1	1	10	1.6%
E-2	2	8	1.3%
E-3	3	70	11.5%
E-4	4	218	35.9%
E-5	5	183	30.1%
E-6	6	22	3.6%
W-1	11	1	0.2%
W-2	12	1	0.2%
O-1	21	61	10.0%
O-2	22	34	5.6%
MISSING	99	10614	
TOTALS:		11222	100.0%

1978 MASTER RECORD — TAPE POS. 429-432
FORMAT: 2F2.0

M8DCPG = DATE OF CURRENT PAY GRADE

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC VALUE MONTH	YEAR
MAXIMUM		JUN78	6	78
3RD QUARTILE		NOV77	11	77
MEDIAN		MAR77	3	77
1ST QUARTILE		JUN76	6	76
MINIMUM		MAR73	3	73
MISSING	10618	.	99	99
TOTALS:	11222			

NOTE: This item is stored as a single SAS date value (with format MONYY5.) in the SAS system file. It is stored as two sub-items, month and year (with format 2F2.0), in the EBCDIC character file. An arbitrary day of the month, the 10th, was assigned in creating the date value. This user's manual displays the quartile distribution of the continuous values of this variable.

1978 MASTER RECORD — TAPE POS. 433-434
FORMAT: F2.

M8TIG = TIME IN GRADE

PERCENTILE DISTRIBUTION	VALUE	FREQ
MAXIMUM	63	
3RD QUARTILE	24	
MEDIAN	15	
1ST QUARTILE	7	
MINIMUM	1	
MISSING	99	10618
TOTALS:		11222

NOTE: This item is stored as a continuous variable in the data file. This user's manual displays the quartile distribution of the continuous values of this variable.

1978 MASTER RECORD — TAPE POS. 435-435
FORMAT: F1.

M8MS = MARITAL STATUS

RESPONSE	VALUE	FREQ	PERCENT
Not Married	1	260	43.0%
Married	2	345	57.0%
MISSING	9	10617	
TOTALS:		11222	100.0%

1978 MASTER RECORD — TAPE POS. 436-436
FORMAT: F1.

M8DEPS = NUMBER OF DEPENDENTS

RESPONSE	VALUE	FREQ	PERCENT
None	1	263	43.3%
One	2	164	27.0%
Two	3	116	19.1%
Three	4	56	9.2%
Four	5	7	1.2%
Five	6	2	0.3%
MISSING	9	10614	
TOTALS:		11222	100.0%

1979 MASTER RECORD — TAPE POS. 437-442
FORMAT: 3F2.0

M9BASD = BASIC ACTIVE SERVICE DATE

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC VALUE MONTH	DAY	YEAR
MAXIMUM		10JUN79	6	10	79
3RD QUARTILE		10SEP76	9	10	76
MEDIAN		28JAN75	1	28	75
1ST QUARTILE		10JAN73	1	10	73
MINIMUM		30JUL69	7	30	69
MISSING	10693	.	99	99	99
TOTALS:	11222				

NOTE: This item is stored as a single SAS date value (with format DATE7.) in the SAS system file. It is stored as three sub-items, month, day, and year (with format 3F2.0), in the EBCDIC character file. This user's manual displays the quartile distribution of the continuous date values of this variable.

1979 MASTER RECORD — TAPE POS. 443-448
FORMAT: 3F2.0

M9PEBD = PAY ENTRY BASE DATE

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC VALUE MONTH	DAY	YEAR
MAXIMUM		25MAY79	5	25	79
3RD QUARTILE		04JUN76	6	4	76
MEDIAN		30SEP74	9	30	74
1ST QUARTILE		22OCT72	10	22	72
MINIMUM		30JUL69	7	30	69
MISSING	10693	.	99	99	99
TOTALS:	11222				

NOTE: This item is stored as a single SAS date value (with format DATE7.) in the SAS system file. It is stored as three sub-items, month, day, and year (with format 3F2.0), in the EBCDIC character file. This user's manual displays the quartile distribution of the continuous date values of this variable.

1979 MASTER RECORD — TAPE POS. 449-452
FORMAT: 2F2.0

M9DOLE = DATE OF LATEST ENLISTMENT

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC MONTH	EBCDIC YEAR
MAXIMUM		JUN79	6	79
3RD QUARTILE		FEB78	2	78
MEDIAN		FEB77	2	77
1ST QUARTILE		MAY76	5	76
MINIMUM		APR73	4	73
MISSING	10700	.	99	99
TOTALS:	11222			

NOTE: This item is stored as a single SAS date value (with format MONYY5.) in the SAS system file. It is stored as two sub-items, month and year (with format 2F2.0), in the EBCDIC character file. An arbitrary day of the month, the 10th, was assigned in creating the date value. This user's manual displays the quartile distribution of the continuous values of this variable.

1979 MASTER RECORD — TAPE POS. 453-453
FORMAT: F1.

M9SOP = SOURCE OF ORIGINAL PROCUREMENT

RESPONSE	VALUE	FREQ	PERCENT
Voluntary Enlistment	1	29	28.2%
Induct, Res Recall	2	33	32.0%
ROTC Non-School	3	20	19.4%
OCS Direct Procurmnt	4	10	9.7%
OCS In-Service	5	2	1.9%
OCS Dir or In-Serv	6	2	1.9%
Direct Appt, MD,DDS	7	1	1.0%
Direct Appt, Other	8	4	3.9%
Aviation Training	9	2	1.9%
MISSING	9	11119	
TOTALS:		11222	100.0%

1979 MASTER RECORD — TAPE POS. 454-454
FORMAT: F1.

M9SVC = SERVICE CODE

RESPONSE	VALUE	FREQ	PERCENT
Army	1	177	33.5%
Navy	2	141	26.7%
Marine Corps	3	30	5.7%
Air Force	4	181	34.2%
MISSING	9	10693	
TOTALS:		11222	100.0%

1979 MASTER RECORD — TAPE POS. 455-455
FORMAT: F1.

M9COMP = SERVICE COMPONENT

RESPONSE	VALUE	FREQ	PERCENT
Regular	1	460	87.0%
Reserve	3	69	13.0%
MISSING	9	10693	
TOTALS:		11222	100.0%

1979 MASTER RECORD — TAPE POS. 456-458
FORMAT: F3.

M9TAFMS = TOTAL ACTIVE FEDERAL MILIT SERVICE

PERCENTILE DISTRIBUTION	VALUE	FREQ
MAXIMUM	119	
3RD QUARTILE	77	
MEDIAN	53	
1ST QUARTILE	33	
MINIMUM	1	
MISSING	999	10693
TOTALS:		11222

NOTE: This item is stored as a continuous variable in the data file. This user's manual displays the quartile distribution of the continuous values of this variable.

1979 MASTER RECORD — TAPE POS. 459-462
FORMAT: 2F2.0

M9ETS = ESTIMATED TIME OF SEPARATION

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC MONTH	EBCDIC YEAR
MAXIMUM		FEB85	2	85
3RD QUARTILE		APR82	4	82
MEDIAN		MAR81	3	81
1ST QUARTILE		JUN80	6	80
MINIMUM		SEP78	9	78
MISSING	10751	.	99	99
TOTALS:	11222			

NOTE: This item is stored as a single SAS date value (with format MONYY5.) in the SAS system file. It is stored as two sub-items, month and year (with format 2F2.0), in the EBCDIC character file. An arbitrary day of the month, the 20th, was assigned in creating the date value. This user's manual displays the quartile distribution of the continuous values of this variable.

1979 MASTER RECORD — TAPE POS. 463-468
FORMAT: 3F2.0

M9DOS = DATE OF SEPARATION

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC VALUE MONTH	DAY	YEAR
MAXIMUM		20MAY85	5	20	85
3RD QUARTILE		20JUN82	6	20	82
MEDIAN		20MAY81	5	20	81
1ST QUARTILE		20AUG80	8	20	80
MINIMUM		20APR79	4	20	79
MISSING	10967	.	99	99	99
TOTALS:	11222				

NOTE: This item is stored as a single SAS date value (with format DATE7.) in the SAS system file. It is stored as three sub-items, month, day, and year (with format 3F2.0), in the EBCDIC character file. This user's manual displays the quartile distribution of the continuous date values of this variable.

1979 MASTER RECORD — TAPE POS. 469-471
FORMAT: F3.

M9DPOC = DOD PRIMARY OCCUPATION CODE

RESPONSE	VALUE	FREQ	PERCENT
Infantry		48	9.5%
Electronic		61	12.0%
Communications		96	18.9%
Medical		25	4.9%
Technical		21	4.1%
Administrative		71	14.0%
Repair		115	22.7%
Craft		23	4.5%
Service		34	6.7%
Non-Occupational		13	2.6%
MISSING	999	10715	
TOTALS:		11222	100.0%

NOTE: This item is stored as a categorical variable with a large number of categories. Values were temporarily collapsed for display in this user's manual.

1979 MASTER RECORD — TAPE POS. 472-474
FORMAT: F3.

M9DDOC = DOD DUTY OCCUPATION CODE

RESPONSE	VALUE	FREQ	PERCENT
Infantry		47	9.2%
Electronic		60	11.7%
Communications		100	19.6%
Medical		25	4.9%
Technical		22	4.3%
Administrative		73	14.3%
Repair		112	21.9%
Craft		25	4.9%
Service		33	6.5%
Non-Occupational		14	2.7%
MISSING	999	10711	
TOTALS:		11222	100.0%

NOTE: This item is stored as a categorical variable with a large number of categories. Values were temporarily collapsed for display in this user's manual.

1979 MASTER RECORD — TAPE POS. 475-476
FORMAT: F2.

M9PG = PAY GRADE

RESPONSE	VALUE	FREQ	PERCENT
E-1	1	7	1.3%
E-2	2	7	1.3%
E-3	3	42	7.9%
E-4	4	145	27.4%
E-5	5	186	35.2%
E-6	6	34	6.4%
W-1	11	1	0.2%
W-2	12	2	0.4%
O-1	21	28	5.3%
O-2	22	76	14.4%
O-3	23	1	0.2%
MISSING	99	10693	
TOTALS:		11222	100.0%

1979 MASTER RECORD — TAPE POS. 477-480
FORMAT: 2F2.0

M9DCPG = DATE OF CURRENT PAY GRADE

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC VALUE MONTH	YEAR
MAXIMUM		JUN79	6	79
3RD QUARTILE		OCT78	10	78
MEDIAN		APR78	4	78
1ST QUARTILE		JAN77	1	77
MINIMUM		MAR73	3	73
MISSING	10698	.	99	99
TOTALS:	11222			

NOTE: This item is stored as a single SAS date value (with format MONYY5.) in the SAS system file. It is stored as two sub-items, month and year (with format 2F2.0), in the EBCDIC character file. An arbitrary day of the month, the 10th, was assigned in creating the date value. This user's manual displays the quartile distribution of the continuous values of this variable.

1979 MASTER RECORD — TAPE POS. 481-482
FORMAT: F2.

M9TIG = TIME IN GRADE

PERCENTILE DISTRIBUTION	VALUE	FREQ
MAXIMUM	75	
3RD QUARTILE	29	
MEDIAN	14	
1ST QUARTILE	8	
MINIMUM	1	
MISSING	99	10698
TOTALS:		11222

NOTE: This item is stored as a continuous variable in the data file. This user's manual displays the quartile distribution of the continuous values of this variable.

1979 MASTER RECORD — TAPE POS. 483-483
FORMAT: F1.

M9MS = MARITAL STATUS

RESPONSE	VALUE	FREQ	PERCENT
Not Married	1	183	34.7%
Married	2	344	65.3%
MISSING	9	10695	
TOTALS:		11222	100.0%

1979 MASTER RECORD — TAPE POS. 484-484
FORMAT: F1.

M9DEPS = NUMBER OF DEPENDENTS

RESPONSE	VALUE	FREQ	PERCENT
None	1	190	36.1%
One	2	144	27.3%
Two	3	116	22.0%
Three	4	63	12.0%
Four	5	12	2.3%
Five	6	2	0.4%
MISSING	9	10695	
TOTALS:		11222	100.0%

MOST RECENT LOSS RECORD — TAPE POS. 485-490
FORMAT: 3F2.0

L1BASD = BASIC ACTIVE SERVICE DATE

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC VALUE MONTH	DAY	YEAR
MAXIMUM		17JUL79	7	17	79
3RD QUARTILE		26FEB74	2	26	74
MEDIAN		18JAN73	1	18	73
1ST QUARTILE		27AUG72	8	27	72
MINIMUM		30JUL69	7	30	69
MISSING	9768	.	99	99	99
TOTALS:	11222				

NOTE: This item is stored as a single SAS date value (with format DATE7.) in the SAS system file. It is stored as three sub-items, month, day, and year (with format 3F2.0), in the EBCDIC character file. This user's manual displays the quartile distribution of the continuous date values of this variable.

MOST RECENT LOSS RECORD — TAPE POS. 491-494
FORMAT: 2F2.0

L1DOLE = DATE OF LATEST ENLISTMENT

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC VALUE MONTH	YEAR
MAXIMUM		JUL80	7	80
3RD QUARTILE		MAR75	3	75
MEDIAN		JUN73	6	73
1ST QUARTILE		SEP72	9	72
MINIMUM		FEB71	2	71
MISSING	9790	.	99	99
TOTALS:	11222			

NOTE: This item is stored as a single SAS date value (with format MONYY5.) in the SAS system file. It is stored as two sub-items, month and year (with format 2F2.0), in the EBCDIC character file. An arbitrary day of the month, the 10th, was assigned in creating the date value. This user's manual displays the quartile distribution of the continuous values of this variable.

MOST RECENT LOSS RECORD — TAPE POS. 495-497
FORMAT: F3.

L1TAFMS = TOTAL ACTIVE FEDERAL MILIT SERVICE

PERCENTILE DISTRIBUTION	VALUE	FREQ
MAXIMUM	107	
3RD QUARTILE	48	
MEDIAN	36	
1ST QUARTILE	24	
MINIMUM	1	
MISSING	999	9769
TOTALS:		11222

NOTE: This item is stored as a continuous variable in the data file. This user's manual displays the quartile distribution of the continuous values of this variable.

MOST RECENT LOSS RECORD — TAPE POS. 498-503
FORMAT: 3F2.0

L1DOS = DATE OF SEPARATION

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC VALUE MONTH	DAY	YEAR
MAXIMUM		29DEC79	12	29	79
3RD QUARTILE		01OCT77	10	1	77
MEDIAN		10JUL76	7	10	76
1ST QUARTILE		12MAY75	5	12	75
MINIMUM		07MAR72	3	7	72
MISSING	9766	.	99	99	99
TOTALS:	11222				

NOTE: This item is stored as a single SAS date value (with format DATE7.) in the SAS system file. It is stored as three sub-items, month, day, and year (with format 3F2.0), in the EBCDIC character file. This user's manual displays the quartile distribution of the continuous date values of this variable.

MOST RECENT LOSS RECORD — TAPE POS. 504-505
FORMAT: F2.

L1ISC = INTERSERVICE SEPARATION CODE

RESPONSE	VALUE	FREQ	PERCENT
TRANSACTION		260	17.9%
RELEASED		752	51.6%
Medical		82	5.6%
HARDSHIP		26	1.8%
DEATH		9	0.6%
BECAME OFFICR		8	0.5%
FAILURE		274	18.8%
OTHER		45	3.1%
MISSING	99	9766	
TOTALS:		11222	100.0%

NOTE: This item is stored as a categorical variable with a large number of categories. Values were temporarily collapsed for display in this user's manual.

MOST RECENT LOSS RECORD — TAPE POS. 506-508
FORMAT: A3.

L1SPD = SEPARATION PROGRAM DESIGNATOR

RESPONSE	VALUE	FREQ	PERCENT
ALPHA CODE		441	100.0%
MISSING (BLANK)		781	
TOTALS:		11222	100.0%

NOTE: This item is stored as a categorical variable with a large number of categories. Values were temporarily collapsed for display in this user's manual.

MOST RECENT LOSS RECORD — TAPE POS. 509-509
FORMAT: F1.

L1RE = RE-ENLISTMENT ELIGIBILITY

RESPONSE	VALUE	FREQ	PERCENT
Eligble to Re-enl	1	649	63.3%
Ineligible	2	376	36.7%
MISSING	9	10197	
TOTALS:		11222	100.0%

MOST RECENT LOSS RECORD — TAPE POS. 510-512
FORMAT: F3.

L1DPOC = DOD PRIMARY OCCUPATION CODE

RESPONSE	VALUE	FREQ	PERCENT
Infantry		220	17.1%
Electronic		126	9.8%
Communications		100	7.8%
Medical		65	5.1%
Technical		33	2.6%
Administrative		195	15.2%
Repair		293	22.8%
Craft		58	4.5%
Service		153	11.9%
Non-Occupational		44	3.4%
MISSING	999	9935	
TOTALS:		11222	100.0%

NOTE: This item is stored as a categorical variable with a large number of categories. Values were temporarily collapsed for display in this user's manual.

MOST RECENT LOSS RECORD — TAPE POS. 513-515
FORMAT: F3.

L1DDOC = DOD DUTY OCCUPATION CODE

RESPONSE	VALUE	FREQ	PERCENT
Infantry		175	18.6%
Electronic		90	9.5%
Communications		75	8.0%
Medical		36	3.8%
Technical		32	3.4%
Administrative		165	17.5%
Repair		189	20.0%
Craft		28	3.0%
Service		134	14.2%
Non-Occupational		19	2.0%
MISSING	999	10279	
TOTALS:		11222	100.0%

NOTE: This item is stored as a categorical variable with a large number of categories. Values were temporarily collapsed for display in this user's manual.

MOST RECENT LOSS RECORD — TAPE POS. 516-517 — FORMAT: F2.

L1PG = PAY GRADE

RESPONSE	VALUE	FREQ	PERCENT
E-1	1	183	12.6%
E-2	2	140	9.6%
E-3	3	220	15.1%
E-4	4	638	43.8%
E-5	5	251	17.3%
E-6	6	16	1.1%
O-1	21	3	0.2%
O-2	22	4	0.3%
MISSING	99	9767	
TOTALS:		11222	100.0%

MOST RECENT LOSS RECORD — TAPE POS. 518-521 — FORMAT: 2F2.0

L1DCPG = DATE OF CURRENT PAY GRADE

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC VALUE MONTH	YEAR
MAXIMUM		JUL79	7	79
3RD QUARTILE		JUN76	6	76
MEDIAN		APR75	4	75
1ST QUARTILE		APR74	4	74
MINIMUM		JUN71	6	71
MISSING	9793	.	99	99
TOTALS:	11222			

NOTE: This item is stored as a single SAS date value (with format MONYY5.) in the SAS system file. It is stored as two sub-items, month and year (with format 2F2.0), in the EBCDIC character file. An arbitrary day of the month, the 10th, was assigned in creating the date value. This user's manual displays the quartile distribution of the continuous values of this variable.

MOST RECENT LOSS RECORD — TAPE POS. 522-523 — FORMAT: F2.

L1TIG = TIME IN GRADE

PERCENTILE DISTRIBUTION	VALUE	FREQ
MAXIMUM	73	
3RD QUARTILE	19	
MEDIAN	12	
1ST QUARTILE	6	
MINIMUM	1	
MISSING	99	9796
TOTALS:		11222

NOTE: This item is stored as a continuous variable in the data file. This user's manual displays the quartile distribution of the continuous values of this variable.

MOST RECENT LOSS RECORD — TAPE POS. 524-524 — FORMAT: F1.

L1MS = MARITAL STATUS

RESPONSE	VALUE	FREQ	PERCENT
Not Married	1	730	60.6%
Married	2	474	39.4%
MISSING	9	10018	
TOTALS:		11222	100.0%

MOST RECENT LOSS RECORD — TAPE POS. 525-525 — FORMAT: F1.

L1DEPS = NUMBER OF DEPENDENTS

RESPONSE	VALUE	FREQ	PERCENT
None	1	918	63.8%
One	2	301	20.9%
Two	3	143	9.9%
Three	4	60	4.2%
Four	5	11	0.8%
Five	6	2	0.1%
MISSING	9	9787	
TOTALS:		11222	100.0%

2ND RECENT LOSS RECORD — TAPE POS. 526-531 — FORMAT: 3F2.0

L2BASD = BASIC ACTIVE SERVICE DATE

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC VALUE MONTH	DAY	YEAR
MAXIMUM		09AUG76	8	9	76
3RD QUARTILE		10APR73	4	10	73
MEDIAN		03OCT72	10	3	72
1ST QUARTILE		10JUL72	7	10	72
MINIMUM		30JUL69	7	30	69
MISSING	11057	.	99	99	99
TOTALS:	11222				

NOTE: This item is stored as a single SAS date value (with format DATE7.) in the SAS system file. It is stored as three sub-items, month, day, and year (with format 3F2.0), in the EBCDIC character file. This user's manual displays the quartile distribution of the continuous date values of this variable.

2ND RECENT LOSS RECORD — TAPE POS. 532-535
FORMAT: 2F2.0

L2DOLE = DATE OF LATEST ENLISTMENT

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC VALUE MONTH	YEAR
MAXIMUM		SEP77	9	77
3RD QUARTILE		DEC74	12	74
MEDIAN		JAN73	1	73
1ST QUARTILE		AUG72	8	72
MINIMUM		JUL69	7	69
MISSING	11059	.	99	99
TOTALS:	11222			

NOTE: This item is stored as a single SAS date value (with format MONYY5.) in the SAS system file. It is stored as two sub-items, month and year (with format 2F2.0), in the EBCDIC character file. An arbitrary day of the month, the 10th, was assigned in creating the date value. This user's manual displays the quartile distribution of the continuous values of this variable.

2ND RECENT LOSS RECORD — TAPE POS. 536-537
FORMAT: F2.

L2TAFMS = TOTAL ACTIVE FEDERAL MILIT SERVICE

PERCENTILE DISTRIBUTION	VALUE	FREQ
MAXIMUM	70	
3RD QUARTILE	48	
MEDIAN	34	
1ST QUARTILE	24	
MINIMUM	1	
MISSING	99	11057
TOTALS:		11222

NOTE: This item is stored as a continuous variable in the data file. This user's manual displays the quartile distribution of the continuous values of this variable.

2ND RECENT LOSS RECORD — TAPE POS. 538-543
FORMAT: 3F2.0

L2DOS = DATE OF SEPARATION

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC VALUE MONTH	DAY	YEAR
MAXIMUM		11JUL79	7	11	79
3RD QUARTILE		17SEP76	9	17	76
MEDIAN		13OCT75	10	13	75
1ST QUARTILE		27NOV74	11	27	74
MINIMUM		08APR72	4	8	72
MISSING	11057	.	99	99	99
TOTALS:	11222				

NOTE: This item is stored as a single SAS date value (with format DATE7.) in the SAS system file. It is stored as three sub-items, month, day, and year (with format 3F2.0), in the EBCDIC character file. This user's manual displays the quartile distribution of the continuous date values of this variable.

2ND RECENT LOSS RECORD — TAPE POS. 544-545
FORMAT: F2.

L2ISC = INTERSERVICE SEPARATION CODE

RESPONSE	VALUE	FREQ	PERCENT
TRANSACTION		142	86.1%
RELEASED		17	10.3%
MEDICAL		1	0.6%
FAILURE		4	2.4%
OTHER		1	0.6%
MISSING	99	11057	
TOTALS:		11222	100.0%

NOTE: This item is stored as a categorical variable with a large number of categories. Values were temporarily collapsed for display in this user's manual.

2ND RECENT LOSS RECORD — TAPE POS. 546-548
FORMAT: A3.

L2SPD = SEPARATION PROGRAM DESIGNATOR

RESPONSE	VALUE	FREQ	PERCENT
ALPHA CODE		159	100.0%
MISSING (BLANK)		11063	
TOTALS:		11222	100.0%

NOTE: This item is stored as a categorical variable with a large number of categories. Values were temporarily collapsed for display in this user's manual.

2ND RECENT LOSS RECORD — TAPE POS. 549-549
FORMAT: F1.

L2RE = RE-ENLISTMENT ELIGIBILITY

RESPONSE	VALUE	FREQ	PERCENT
Eligble to Re-enl	1	111	83.5%
Ineligible	2	22	16.5%
MISSING	9	11089	
TOTALS:		11222	100.0%

2ND RECENT LOSS RECORD — TAPE POS. 550-552 — FORMAT: F3.

L2DPOC = DOD PRIMARY OCCUPATION CODE

RESPONSE	VALUE	FREQ	PERCENT
Infantry		28	17.5%
Electronic		20	12.5%
Communications		17	10.6%
Medical		3	1.9%
Technical		1	0.6%
Administrative		28	17.5%
Repair		34	21.3%
Craft		6	3.8%
Service		20	12.5%
Non-Occupational		3	1.9%
MISSING	999	11062	
TOTALS:		11222	100.0%

NOTE: This item is stored as a categorical variable with a large number of categories. Values were temporarily collapsed for display in this user's manual.

2ND RECENT LOSS RECORD — TAPE POS. 553-555 — FORMAT: F3.

L2DDOC = DOD DUTY OCCUPATION CODE

RESPONSE	VALUE	FREQ	PERCENT
Infantry		21	18.1%
Electronic		14	12.1%
Communications		9	7.8%
Medical		3	2.6%
Technical		1	0.9%
Administrative		24	20.7%
Repair		21	18.1%
Craft		4	3.4%
Service		18	15.5%
Non-Occupational		1	0.9%
MISSING	999	11106	
TOTALS:		11222	100.0%

NOTE: This item is stored as a categorical variable with a large number of categories. Values were temporarily collapsed for display in this user's manual.

2ND RECENT LOSS RECORD — TAPE POS. 556-556 — FORMAT: F1.

L2PG = PAY GRADE

RESPONSE	VALUE	FREQ	PERCENT
E-1	1	12	7.3%
E-2	2	10	6.1%
E-3	3	16	9.7%
E-4	4	98	59.4%
E-5	5	28	17.0%
E-6	6	1	0.6%
MISSING	9	11057	
TOTALS:		11222	100.0%

2ND RECENT LOSS RECORD — TAPE POS. 557-560 — FORMAT: 2F2.0

L2DCPG = DATE OF CURRENT PAY GRADE

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC VALUE MONTH	EBCDIC VALUE YEAR
MAXIMUM		MAR78	3	78
3RD QUARTILE		OCT75	10	75
MEDIAN		AUG74	8	74
1ST QUARTILE		NOV73	11	73
MINIMUM		MAR70	3	70
MISSING	11069	.	99	99
TOTALS:	11222			

NOTE: This item is stored as a single SAS date value (with format MONYY5.) in the SAS system file. It is stored as two sub-items, month and year (with format 2F2.0), in the EBCDIC character file. An arbitrary day of the month, the 10th, was assigned in creating the date value. This user's manual displays the quartile distribution of the continuous values of this variable.

2ND RECENT LOSS RECORD — TAPE POS. 561-562 — FORMAT: F2.

L2TIG = TIME IN GRADE

PERCENTILE DISTRIBUTION	VALUE	FREQ
MAXIMUM	42	
3RD QUARTILE	15	
MEDIAN	10	
1ST QUARTILE	5	
MINIMUM	1	
MISSING	99	11069
TOTALS:		11222

NOTE: This item is stored as a continuous variable in the data file. This user's manual displays the quartile distribution of the continuous values of this variable.

2ND RECENT LOSS RECORD — TAPE POS. 563-563 — FORMAT: F1.

L2MS = MARITAL STATUS

RESPONSE	VALUE	FREQ	PERCENT
Not Married	1	70	66.7%
Married	2	35	33.3%
MISSING	9	11117	
TOTALS:		11222	100.0%

2ND RECENT LOSS RECORD — TAPE POS. 564-564, FORMAT: F1.

L2DEPS = NUMBER OF DEPENDENTS

RESPONSE	VALUE	FREQ	PERCENT
None	1	108	71.1%
One	2	29	19.1%
Two	3	13	8.6%
Three	4	2	1.3%
MISSING	9	11070	
TOTALS:		11222	100.0%

EDITED NLS-72 SURVEY ITEM — TAPE POS. 565-570, FORMAT: 3F2.0

CBIRTH = COMPOSITE BIRTHDATE

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC VALUE MONTH	DAY	YEAR
MAXIMUM		22MAR56	3	22	56
3RD QUARTILE		08AUG54	8	8	54
MEDIAN		09APR54	4	9	54
1ST QUARTILE		11DEC53	12	11	53
MINIMUM		14JAN50	1	14	50
MISSING	69	.	99	99	99
TOTALS:	11222				

NOTE: This item is stored as a single SAS date value (with format DATE7.) in the SAS system file. It is stored as three sub-items, month, day, and year (with format 3F2.0), in the EBCDIC character file. This user's manual displays the quartile distribution of the continuous date values of this variable.

EDITED NLS-72 SURVEY ITEM — TAPE POS. 571-571, FORMAT: F1.

INDEX = LAST YEAR OF NLS-72 DATA

RESPONSE	VALUE	FREQ	PERCENT
	0	219	2.0%
	2	398	3.5%
	3	529	4.7%
	5	1035	9.2%
	8	9041	80.6%
TOTALS:		11222	100.0%

EDITED NLS-72 SURVEY ITEM — TAPE POS. 572-572, FORMAT: F1.

MIL = EVER KNOWN TO HAVE SERVED

RESPONSE	VALUE	FREQ	PERCENT
No	0	9464	84.3%
Yes	1	1758	15.7%
TOTALS:		11222	100.0%

EDITED NLS-72 SURVEY ITEM — TAPE POS. 573-573, FORMAT: F1.

DRAFT = NLS-72 SAYS DRAFTED

RESPONSE	VALUE	FREQ	PERCENT
No	0	1495	99.1%
Yes	1	14	0.9%
MISSING	9	9713	
TOTALS:		11222	100.0%

EDITED NLS-72 SURVEY ITEM — TAPE POS. 574-574, FORMAT: F1.

OFFICR = SERVED AS AN OFFICER

RESPONSE	VALUE	FREQ	PERCENT
No	0	1459	94.5%
Yes	1	85	5.5%
MISSING	9	9678	
TOTALS:		11222	100.0%

EDITED NLS-72 SURVEY ITEM — TAPE POS. 575-575, FORMAT: F1.

SERV2 = ACTIVE DUTY OCT 1972

RESPONSE	VALUE	FREQ	PERCENT
No	0	10430	94.8%
Yes	1	569	5.2%
MISSING	9	223	
TOTALS:		11222	100.0%

EDITED NLS-72 SURVEY ITEM — TAPE POS. 576-576, FORMAT: F1.

SERV3 = ACTIVE DUTY OCT 1973

RESPONSE	VALUE	FREQ	PERCENT
No	0	9971	91.1%
Yes	1	978	8.9%
MISSING	9	273	
TOTALS:		11222	100.0%

EDITED NLS-72 SURVEY ITEM — TAPE POS. 577-577, FORMAT: F1.

SERV4 = ACTIVE DUTY OCT 1974

RESPONSE	VALUE	FREQ	PERCENT
No	0	9531	90.4%
Yes	1	1007	9.6%
MISSING	9	684	
TOTALS:		11222	100.0%

EDITED NLS-72 SURVEY ITEM — TAPE POS. 578-578, FORMAT: F1.

SERV5 = ACTIVE DUTY OCT 1975

RESPONSE	VALUE	FREQ	PERCENT
No	0	9104	91.0%
Yes	1	904	9.0%
MISSING	9	1214	
TOTALS:		11222	100.0%

EDITED NLS-72 SURVEY ITEM — TAPE POS. 579-579, FORMAT: F1.

SERV6 = ACTIVE DUTY OCT 1976

RESPONSE	VALUE	FREQ	PERCENT
No	0	9245	92.7%
Yes	1	727	7.3%
MISSING	9	1250	
TOTALS:		11222	100.0%

EDITED NLS-72 SURVEY ITEM — TAPE POS. 580-580, FORMAT: F1.

SERV7 = ACTIVE DUTY OCT 1977

RESPONSE	VALUE	FREQ	PERCENT
No	0	8454	93.8%
Yes	1	558	6.2%
MISSING	9	2210	
TOTALS:		11222	100.0%

EDITED NLS-72 SURVEY ITEM — TAPE POS. 581-581, FORMAT: F1.

SERV8 = ACTIVE DUTY OCT 1978

RESPONSE	VALUE	FREQ	PERCENT
No	0	8508	94.5%
Yes	1	492	5.5%
MISSING	9	2222	
TOTALS:		11222	100.0%

EDITED NLS-72 SURVEY ITEM — TAPE POS. 582-582, FORMAT: F1.

SERV9 = ACTIVE DUTY OCT 1979

RESPONSE	VALUE	FREQ	PERCENT
No	0	8567	95.3%
Yes	1	426	4.7%
MISSING	9	2229	
TOTALS:		11222	100.0%

EDITED NLS-72 SURVEY ITEM — TAPE POS. 583-583, FORMAT: F1.

RES1 = RESERVE DUTY OCT 1973

RESPONSE	VALUE	FREQ	PERCENT
No	0	10273	98.8%
Yes	1	128	1.2%
MISSING	9	821	
TOTALS:		11222	100.0%

EDITED NLS-72 SURVEY ITEM — TAPE POS. 584-584, FORMAT: F1.

RES2 = RESERVE DUTY OCT 1974

RESPONSE	VALUE	FREQ	PERCENT
No	0	9946	98.6%
Yes	1	141	1.4%
MISSING	9	1135	
TOTALS:		11222	100.0%

EDITED NLS-72 SURVEY ITEM — TAPE POS. 585-585, FORMAT: F1.

RES3 = RESERVE DUTY OCT 1976

RESPONSE	VALUE	FREQ	PERCENT
No	0	9367	98.5%
Yes	1	147	1.5%
MISSING	9	1708	
TOTALS:		11222	100.0%

EDITED NLS-72 SURVEY ITEM — TAPE POS. 586-586, FORMAT: F1.

RES4 = RESERVE DUTY OCT 1979

RESPONSE	VALUE	FREQ	PERCENT
No	0	8575	97.8%
Yes	1	195	2.2%
MISSING	9	2452	
TOTALS:		11222	100.0%

EDITED NLS-72 SURVEY ITEM — TAPE POS. 587-587
FORMAT: F1.

BRANCH = BRANCH OF SERVICE

RESPONSE	VALUE	FREQ	PERCENT
Air Force	1	504	28.4%
Army	2	605	34.1%
Navy	3	451	25.4%
Marine Corps	4	180	10.1%
Coast Guard	5	26	1.5%
Nationl Guard	6	5	0.3%
Reserves	7	4	0.2%
MISSING	9	9447	
TOTALS:		11222	100.0%

EDITED NLS-72 SURVEY ITEM — TAPE POS. 588-591
FORMAT: 2F2.0

ENTDAT = MONTH & YEAR BEGAN ACTIVE DUTY

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC VALUE MONTH	EBCDIC VALUE YEAR
MAXIMUM		JAN80	1	80
3RD QUARTILE		AUG74	8	74
MEDIAN		FEB73	2	73
1ST QUARTILE		AUG72	8	72
MINIMUM		APR69	4	69
MISSING	9487	.	99	99
TOTALS:	11222			

NOTE: This item is stored as a single SAS date value (with format MONYY5.) in the SAS system file. It is stored as two sub-items, month and year (with format 2F2.0), in the EBCDIC character file. An arbitrary day of the month, the 10th, was assigned in creating the date value. This user's manual displays the quartile distribution of the continuous values of this variable.

EDITED NLS-72 SURVEY ITEM — TAPE POS. 592-595
FORMAT: 2F2.0

SEPDAT = MONTH & YEAR LEFT ACTIVE DUTY

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC VALUE MONTH	EBCDIC VALUE YEAR
MAXIMUM		APR80	4	80
3RD QUARTILE		MAR77	3	77
MEDIAN		APR76	4	76
1ST QUARTILE		NOV74	11	74
MINIMUM		JAN71	1	71
MISSING	10201	.	99	99
TOTALS:	11222			

NOTE: This item is stored as a single SAS date value (with format MONYY5.) in the SAS system file. It is stored as two sub-items, month and year (with format 2F2.0), in the EBCDIC character file. An arbitrary day of the month, the 20th, was assigned in creating the date value. This user's manual displays the quartile distribution of the continuous values of this variable.

Merged Base-Year Through Fourth Follow-Up Data File. This data file contains test data and responses to each of the five survey questionnaires for the 1972 senior cohort; it includes one record, containing 3,524 data fields, for each of 22,652 former seniors. It may be merged with either the school and counselor data file, the school district census data file, the CEEB institutional data base file, or the NLS-72/DMDC military records data file. These data provide information on test scores, high school course work, school, family, and work experiences, educational and occupational aspirations, personal values, and military experiences of sample participants, covering nearly eight years from spring 1972 to fall 1979.

School and Counselor Data File. In high schools that were sampled by the NLS-72, school administrators were asked for information regarding their school, and high school counselors were asked about their background and work. The 1972 questionnaires gathered information from 1,318 schools on school organization and enrollment, course offerings, special services and programs, library and other resources, time scheduling, and grading systems. They gathered information from the counselors on work loads, counseling practices and facilities, experience with student financial aid programs, age ethnicity, training, and counseling experience. The data from the high school and counselor data file can be merged with the student data file or to the school district census data file using the school codes and stratum numbers common to all files.

School District Census Data File. This file contains standard census tables on family income, population, residence, educational enrollments and attainments, family composition, unemployment, occupation, poverty, and public assistance tabulated by school district boundaries, for school districts in which sampled NLS-72 high schools were located. This data set can be merged with the student data file or to the high school and counselor data file using the school codes and stratum numbers common to all files.

Transcript Data File. This file contains postsecondary school transcript data for each NLS-72 sample member that attended some kind of postsecondary school or training program. The transcripts were collected in 1984 and contain information on dates of attendance, entrance examination scores, degrees and honors conferred, major field of study, rank in class, and, for each course taken, a six-digit subject matter code, a course grade, and credits received. This data set can be merged with the student data file using the FICE codes and student ID numbers common to these files.

CEEB Institutional Data Base. This data file contains 84 variables on 4,139 postsecondary institutions from four sources: the 1973-74 Tripartite Application data file, the 1972-73 Higher Education General Information System (HEGIS) Finance survey, the 1973-74 Higher Education Directory, and the 1972 American Council on Education (ACE) Institutional Characteristics data file. These data can be merged to NLS-72 student records by the common FICE codes on both files.

APPENDIX B: RECORD LAYOUT OF THE NLS-72/DMDC MILITARY RECORDS FILE

VARIABLE NAME	LOCATION START-END	DATA FORMAT	VARIABLE LABEL
RTI_ID	1-5	F5.0	RTI STUDENT ID NUMBER
SCHCODE	6-9	F4.0	SCHOOL CODE
FINSTNO	10-12	F3.0	FINAL STRATUM NUMBER
ACCFLAG	13-13	F1.0	ACCESSION RECORD MATCH FLAG
MSTFLAG2	14-14	F1.0	MASTER 1972 RECORD MATCH FLAG
MSTFLAG3	15-15	F1.0	MASTER 1973 RECORD MATCH FLAG
MSTFLAG4	16-16	F1.0	MASTER 1974 RECORD MATCH FLAG
MSTFLAG5	17-17	F1.0	MASTER 1975 RECORD MATCH FLAG
MSTFLAG6	18-18	F1.0	MASTER 1976 RECORD MATCH FLAG
MSTFLAG7	19-19	F1.0	MASTER 1977 RECORD MATCH FLAG
MSTFLAG8	20-20	F1.0	MASTER 1978 RECORD MATCH FLAG
MSTFLAG9	21-21	F1.0	MASTER 1979 RECORD MATCH FLAG
LOSFLAG1	22-22	F1.0	MOST RECENT LOSS RECORD MATCH FLAG
LOSFLAG2	23-23	F1.0	NEXT MOST RECENT LOSS RECORD MATCH FLAG
MSMATCHN	24-24	F1.0	NAME MISMATCH FLAG
AAFEES	25-26	F2.0	AFEES STATION
ACR	27-28	F2.0	CENSUS REGION, HOR
AZIPF	29-31	F3.0	ZIP CODE-1ST THREE DIGITS, HOR
ASTATE	32-33	F2.0	STATE OF RESIDENCE, HOR
ADOBYR	34-35	F2.0	YEAR OF BIRTH
AAAE	36-37	F2.0	AGE AT ENTRY
AHYED	38-39	F2.0	HIGHEST YEAR OF EDUCATION
ARACE	40-40	F1.0	RACE
ARETH	41-41	F1.0	RACE-ETHNICITY
AMS	42-42	F1.0	MARITAL STATUS
AMTFN	43-44	F2.0	MENTAL TEST FORM NUMBER
AAFQT	45-46	F2.0	AFQT PERCENTILE
AASVAB1	47-49	F3.0	ASVAB TEST SCORE 1
AASVAB2	50-52	F3.0	ASVAB TEST SCORE 2
AASVAB3	53-55	F3.0	ASVAB TEST SCORE 3
AASVAB4	56-58	F3.0	ASVAB TEST SCORE 4
AASVAB5	59-61	F3.0	ASVAB TEST SCORE 5
AASVAB6	62-64	F3.0	ASVAB TEST SCORE 6
AASVAB7	65-67	F3.0	ASVAB TEST SCORE 7
AASVAB8	68-70	F3.0	ASVAB TEST SCORE 8
AASVAB9	71-73	F3.0	ASVAB TEST SCORE 9
AASVAB10	74-76	F3.0	ASVAB TEST SCORE 10
AASVAB11	77-78	F2.0	ASVAB TEST SCORE 11
AASVAB12	79-80	F2.0	ASVAB TEST SCORE 12
AASVAB13	81-82	F2.0	ASVAB TEST SCORE 13
AASVAB14	83-84	F2.0	ASVAB TEST SCORE 14
AASVAB15	85-86	F2.0	ASVAB TEST SCORE 15
AASVAB16	87-88	F2.0	ASVAB TEST SCORE 16
ACCTYPE	89-89	F1.0	ACCESSION VARIABLE TYPE
ASOA	90-91	F2.0	SERVICE OF ACCESSION
APS	92-92	F1.0	PRIOR SERVICE
AMFC1	93-94	F2.0	PRIMARY MEDICAL FAILURE CODE
ADOE	95-100	3F2.0	DATE OF ENTRY
ATERM	101-101	F1.0	TERM OF ENLISTMENT
APG	102-102	F1.0	PAY GRADE
ADOEDEP	103-108	3F2.0	DATE OF ENTRY TO DELAYED ENTRY PROG
M2BASD	109-114	3F2.0	BASIC ACTIVE SERVICE DATE
M2PEBD	115-120	3F2.0	PAY ENTRY BASE DATE
M2DOLE	121-124	2F2.0	DATE OF LATEST ENLISTMENT
M2SOP	125-125	F1.0	SOURCE OF ORIGINAL PROCUREMENT
M2SVC	126-126	F1.0	SERVICE CODE
M2COMP	127-127	F1.0	SERVICE COMPONENT
M2TAFMS	128-129	F2.0	TOTAL ACTIVE FEDERAL MILIT SERVICE
M2ETS	130-133	2F2.0	ESTIMATED TIME OF SEPARATION
M2DOS	134-139	3F2.0	DATE OF SEPARATION

RECORD LAYOUT OF THE NLS-72/DMDC MILITARY RECORDS FILE (continued)

VARIABLE NAME	LOCATION START-END	DATA FORMAT	VARIABLE LABEL
M2DPOC	140-142	F3.0	DOD PRIMARY OCCUPATION CODE
M2DDOC	143-145	F3.0	DOD DUTY OCCUPATION CODE
M2PG	146-146	F1.0	PAY GRADE
M2DCPG	147-150	2F2.0	DATE OF CURRENT PAY GRADE
M2TIG	151-152	F2.0	TIME IN GRADE
M2MS	153-153	F1.0	MARITAL STATUS
M2DEPS	154-154	F1.0	NUMBER OF DEPENDENTS
M3BASD	155-160	3F2.0	BASIC ACTIVE SERVICE DATE
M3PEBD	161-166	3F2.0	PAY ENTRY BASE DATE
M3DOLE	167-170	2F2.0	DATE OF LATEST ENLISTMENT
M3SOP	171-171	F1.0	SOURCE OF ORIGINAL PROCUREMENT
M3SVC	172-172	F1.0	SERVICE CODE
M3COMP	173-173	F1.0	SERVICE COMPONENT
M3TAFMS	174-175	F2.0	TOTAL ACTIVE FEDERAL MILIT SERVICE
M3ETS	176-179	2F2.0	ESTIMATED TIME OF SEPARATION
M3DOS	180-185	3F2.0	DATE OF SEPARATION
M3DPOC	186-188	F3.0	DOD PRIMARY OCCUPATION CODE
M3DDOC	189-191	F3.0	DOD DUTY OCCUPATION CODE
M3PG	192-192	F1.0	PAY GRADE
M3DCPG	193-196	2F2.0	DATE OF CURRENT PAY GRADE
M3TIG	197-198	F2.0	TIME IN GRADE
M3MS	199-199	F1.0	MARITAL STATUS
M3DEPS	200-200	F1.0	NUMBER OF DEPENDENTS
M4BASD	201-206	3F2.0	BASIC ACTIVE SERVICE DATE
M4PEBD	207-212	3F2.0	PAY ENTRY BASE DATE
M4DOLE	213-216	2F2.0	DATE OF LATEST ENLISTMENT
M4SOP	217-217	F1.0	SOURCE OF ORIGINAL PROCUREMENT
M4SVC	218-218	F1.0	SERVICE CODE
M4COMP	219-219	F1.0	SERVICE COMPONENT
M4TAFMS	220-221	F2.0	TOTAL ACTIVE FEDERAL MILIT SERVICE
M4ETS	222-225	2F2.0	ESTIMATED TIME OF SEPARATION
M4DOS	226-231	3F2.0	DATE OF SEPARATION
M4DPOC	232-234	F3.0	DOD PRIMARY OCCUPATION CODE
M4DDOC	235-237	F3.0	DOD DUTY OCCUPATION CODE
M4PG	238-239	F2.0	PAY GRADE
M4DCPG	240-243	2F2.0	DATE OF CURRENT PAY GRADE
M4TIG	244-245	F2.0	TIME IN GRADE
M4MS	246-246	F1.0	MARITAL STATUS
M4DEPS	247-247	F1.0	NUMBER OF DEPENDENTS
M5BASD	248-253	3F2.0	BASIC ACTIVE SERVICE DATE
M5PEBD	254-259	3F2.0	PAY ENTRY BASE DATE
M5DOLE	260-263	2F2.0	DATE OF LATEST ENLISTMENT
M5SOP	264-264	F1.0	SOURCE OF ORIGINAL PROCUREMENT
M5SVC	265-265	F1.0	SERVICE CODE
M5COMP	266-266	F1.0	SERVICE COMPONENT
M5TAFMS	267-268	F2.0	TOTAL ACTIVE FEDERAL MILIT SERVICE
M5ETS	269-272	2F2.0	ESTIMATED TIME OF SEPARATION
M5DOS	273-278	3F2.0	DATE OF SEPARATION
M5DPOC	279-281	F3.0	DOD PRIMARY OCCUPATION CODE
M5DDOC	282-284	F3.0	DOD DUTY OCCUPATION CODE
M5PG	285-286	F2.0	PAY GRADE
M5DCPG	287-290	2F2.0	DATE OF CURRENT PAY GRADE
M5TIG	291-292	F2.0	TIME IN GRADE
M5MS	293-293	F1.0	MARITAL STATUS
M5DEPS	294-294	F1.0	NUMBER OF DEPENDENTS
M6BASD	295-300	3F2.0	BASIC ACTIVE SERVICE DATE
M6PEBD	301-306	3F2.0	PAY ENTRY BASE DATE
M6DOLE	307-310	2F2.0	DATE OF LATEST ENLISTMENT
M6SOP	311-311	F1.0	SOURCE OF ORIGINAL PROCUREMENT
M6SVC	312-312	F1.0	SERVICE CODE
M6COMP	313-313	F1.0	SERVICE COMPONENT

RECORD LAYOUT OF THE NLS-72/DMDC MILITARY RECORDS FILE (continued)

VARIABLE NAME	LOCATION START-END	DATA FORMAT	VARIABLE LABEL
M6TAFMS	314-315	F2.0	TOTAL ACTIVE FEDERAL MILIT SERVICE
M6ETS	316-319	2F2.0	ESTIMATED TIME OF SEPARATION
M6DOS	320-325	3F2.0	DATE OF SEPARATION
M6DPOC	326-328	F3.0	DOD PRIMARY OCCUPATION CODE
M6DDOC	329-331	F3.0	DOD DUTY OCCUPATION CODE
M6PG	332-333	F2.0	PAY GRADE
M6DCPG	334-337	2F2.0	DATE OF CURRENT PAY GRADE
M6TIG	338-339	F2.0	TIME IN GRADE
M6MS	340-340	F1.0	MARITAL STATUS
M6DEPS	341-341	F1.0	NUMBER OF DEPENDENTS
M7BASD	342-347	3F2.0	BASIC ACTIVE SERVICE DATE
M7PEBD	348-353	3F2.0	PAY ENTRY BASE DATE
M7DOLE	354-357	2F2.0	DATE OF LATEST ENLISTMENT
M7SOP	358-358	F1.0	SOURCE OF ORIGINAL PROCUREMENT
M7SVC	359-359	F1.0	SERVICE CODE
M7COMP	360-360	F1.0	SERVICE COMPONENT
M7TAFMS	361-362	F2.0	TOTAL ACTIVE FEDERAL MILIT SERVICE
M7ETS	363-366	2F2.0	ESTIMATED TIME OF SEPARATION
M7DOS	367-372	3F2.0	DATE OF SEPARATION
M7DPOC	373-375	F3.0	DOD PRIMARY OCCUPATION CODE
M7DDOC	376-378	F3.0	DOD DUTY OCCUPATION CODE
M7PG	379-380	F2.0	PAY GRADE
M7DCPG	381-384	2F2.0	DATE OF CURRENT PAY GRADE
M7TIG	385-386	F2.0	TIME IN GRADE
M7MS	387-387	F1.0	MARITAL STATUS
M7DEPS	388-388	F1.0	NUMBER OF DEPENDENTS
M8BASD	389-394	3F2.0	BASIC ACTIVE SERVICE DATE
M8PEBD	395-400	3F2.0	PAY ENTRY BASE DATE
M8DOLE	401-404	2F2.0	DATE OF LATEST ENLISTMENT
M8SOP	405-405	F1.0	SOURCE OF ORIGINAL PROCUREMENT
M8SVC	406-406	F1.0	SERVICE CODE
M8COMP	407-407	F1.0	SERVICE COMPONENT
M8TAFMS	408-410	F3.0	TOTAL ACTIVE FEDERAL MILIT SERVICE
M8ETS	411-414	2F2.0	ESTIMATED TIME OF SEPARATION
M8DOS	415-420	3F2.0	DATE OF SEPARATION
M8DPOC	421-423	F3.0	DOD PRIMARY OCCUPATION CODE
M8DDOC	424-426	F3.0	DOD DUTY OCCUPATION CODE
M8PG	427-428	F2.0	PAY GRADE
M8DCPG	429-432	2F2.0	DATE OF CURRENT PAY GRADE
M8TIG	433-434	F2.0	TIME IN GRADE
M8MS	435-435	F1.0	MARITAL STATUS
M8DEPS	436-436	F1.0	NUMBER OF DEPENDENTS
M9BASD	437-442	3F2.0	BASIC ACTIVE SERVICE DATE
M9PEBD	443-448	3F2.0	PAY ENTRY BASE DATE
M9DOLE	449-452	2F2.0	DATE OF LATEST ENLISTMENT
M9SOP	453-453	F1.0	SOURCE OF ORIGINAL PROCUREMENT
M9SVC	454-454	F1.0	SERVICE CODE
M9COMP	455-455	F1.0	SERVICE COMPONENT
M9TAFMS	456-458	F3.0	TOTAL ACTIVE FEDERAL MILIT SERVICE
M9ETS	459-462	2F2.0	ESTIMATED TIME OF SEPARATION
M9DOS	463-468	3F2.0	DATE OF SEPARATION
M9DPOC	469-471	F3.0	DOD PRIMARY OCCUPATION CODE
M9DDOC	472-474	F3.0	DOD DUTY OCCUPATION CODE
M9PG	475-476	F2.0	PAY GRADE
M9DCPG	477-480	2F2.0	DATE OF CURRENT PAY GRADE
M9TIG	481-482	F2.0	TIME IN GRADE
M9MS	483-483	F1.0	MARITAL STATUS
M9DEPS	484-484	F1.0	NUMBER OF DEPENDENTS
L1BASD	485-490	3F2.0	BASIC ACTIVE SERVICE DATE
L1DOLE	491-494	2F2.0	DATE OF LATEST ENLISTMENT
L1TAFMS	495-497	F3.0	TOTAL ACTIVE FEDERAL MILIT SERVICE

RECORD LAYOUT OF THE NLS-72/DMDC MILITARY RECORDS FILE (continued)

VARIABLE NAME	LOCATION START-END	DATA FORMAT	VARIABLE LABEL
L1DOS	498-503	3F2.0	DATE OF SEPARATION
L1ISC	504-505	F2.0	INTERSERVICE SEPARATION CODE
L1SPD	506-508	A3.0	SEPARATION PROGRAM DESIGNATOR
L1RE	509-509	F1.0	RE-ENLISTMENT ELIGIBILITY
L1DPOC	510-512	F3.0	DOD PRIMARY OCCUPATION CODE
L1DDOC	513-515	F3.0	DOD DUTY OCCUPATION CODE
L1PG	516-517	F2.0	PAY GRADE
L1DCPG	518-521	2F2.0	DATE OF CURRENT PAY GRADE
L1TIG	522-523	F2.0	TIME IN GRADE
L1MS	524-524	F1.0	MARITAL STATUS
L1DEPS	525-525	F1.0	NUMBER OF DEPENDENTS
L2BASD	526-531	3F2.0	BASIC ACTIVE SERVICE DATE
L2DOLE	532-535	2F2.0	DATE OF LATEST ENLISTMENT
L2TAFMS	536-537	F2.0	TOTAL ACTIVE FEDERAL MILIT SERVICE
L2DOS	538-543	3F2.0	DATE OF SEPARATION
L2ISC	544-545	F2.0	INTERSERVICE SEPARATION CODE
L2SPD	546-548	A3.0	SEPARATION PROGRAM DESIGNATOR
L2RE	549-549	F1.0	RE-ENLISTMENT ELIGIBILITY
L2DPOC	550-552	F3.0	DOD PRIMARY OCCUPATION CODE
L2DDOC	553-555	F3.0	DOD DUTY OCCUPATION CODE
L2PG	556-556	F1.0	PAY GRADE
L2DCPG	557-560	2F2.0	DATE OF CURRENT PAY GRADE
L2TIG	561-562	F2.0	TIME IN GRADE
L2MS	563-563	F1.0	MARITAL STATUS
L2DEPS	564-564	F1.0	NUMBER OF DEPENDENTS
CBIRTH	565-570	3F2.0	COMPOSITE BIRTHDATE
INDEX	571-571	F1.0	LAST YEAR OF NLS-72 DATA
MIL	572-572	F1.0	EVER KNOWN TO HAVE SERVED
DRAFT	573-573	F1.0	NLS-72 SAYS DRAFTED
OFFICR	574-574	F1.0	SERVED AS AN OFFICER
SERV2	575-575	F1.0	ACTIVE DUTY OCT 1972
SERV3	576-576	F1.0	ACTIVE DUTY OCT 1973
SERV4	577-577	F1.0	ACTIVE DUTY OCT 1974
SERV5	578-578	F1.0	ACTIVE DUTY OCT 1975
SERV6	579-579	F1.0	ACTIVE DUTY OCT 1976
SERV7	580-580	F1.0	ACTIVE DUTY OCT 1977
SERV8	581-581	F1.0	ACTIVE DUTY OCT 1978
SERV9	582-582	F1.0	ACTIVE DUTY OCT 1979
RES1	583-583	F1.0	RESERVE DUTY OCT 1973
RES2	584-584	F1.0	RESERVE DUTY OCT 1974
RES3	585-585	F1.0	RESERVE DUTY OCT 1976
RES4	586-586	F1.0	RESERVE DUTY OCT 1979
BRANCH	587-587	F1.0	BRANCH OF SERVICE
ENTDAT	588-591	2F2.0	MONTH & YEAR BEGAN ACTIVE DUTY
SEPDAT	592-595	2F2.0	MONTH & YEAR LEFT ACTIVE DUTY

APPENDIX C. HOME OF RECORD STATE FIPS CODES, 3-DIGIT ZIP CODES, AND REGION

STATE	CODE	THREE DIGIT ZIPS	REGION
Alabama	01	350-369	6
Alaska	02	995-999	9
Arizona	04	850-865	8
Arkansas	05	716-729	7
California	06	900-966	9
Colorado	08	800-816	8
Connecticut	09	060-069	1
Delaware	10	197-199	5
Dist. of Columbia	11	200-205	5
Florida	12	320-399	5
Georgia	13	300-319	5
Hawaii	15	967-968	9
Idaho	16	832-838	8
Illinois	17	600-629	3
Indiana	18	460-479	3
Iowa	19	500-528	4
Kansas	20	660-279	4
Kentucky	21	400-427	6
Louisiana	22	700-714	7
Maine	23	039-049	1
Maryland	24	206-219	5
Massachusetts	25	010-027	1
Michigan	26	480-499	3
Minnesota	27	550-567	4
Mississippi	28	386-397	6
Missouri	29	630-658	4
Montana	30	590-599	8
Nebraska	31	680-693	4
Nevada	32	890-898	8
New Hampshire	33	030-038	1
New Jersey	34	070-089	2
New Mexico	35	870-884	8
New York	36	090-149	2
North Carolina	37	270-289	5
North Dakota	38	570-577	4
Ohio	39	430-458	3
Oklahoma	40	730-749	7
Oregon	41	970-196	2
Pennsylvania	42	150-196	2
Rhode Island	44	028-029	1
South Carolina	45	290-299	5
South Dakota	46	570-577	4
Tennessee	47	370-385	6
Texas	48	750-799	7
Utah	49	840-847	8
Vermont	50	050-059	1
Virginia	51	220-246	5
Washington	53	980-994	9
West Virginia	54	247-268	5
Wisconsin	55	530-549	3
Wyoming	56	820-831	8

APPENDIX D. SUBTEST APTITUDE AREAS FOR VARIOUS MENTAL TESTS

Armed Services Vocational Aptitude Battery (ASVAB 8/9/10 and maximum values).

GS = General Science (25)
AR = Arithmetic Reasoning (30)
WK = Word Knowledge (35)
PC = Paragraph Comprehension (15)
NO = Numerical Operations (50)
CS = Coding Speed (84)
AS = Automotive/Shop (25)
MK = Math Knowledge (25)
MC = Mechanical Comprehension (25)
EI = Electronics Information (20)
VE = Verbal (50) actually (WK&PC)

Armed Service Vocational Aptitude Battery (ASVAB 5/6/7 and maximum values).

GI = General Information (15)
NO = Numerical Operations (50)
AD = Attention to Detail (30)
WK = Math Knowledge (30)
AR = Arithmetic Reasoning (20)
SP = Space Perception (20)
MK = Math Knowledge (20)
EI = Electronic Information (30)
MC = Mechanical Comprehension (20)
GS = General Science (20)
SI = Shop Information (20)
AI = Automotive Information (20)

Classification Inventory

CM = Maintenance (20)
CA = Attentiveness (20)
CE = Electronics (20)
CC = Combat (27)

Army Classification Battery (ACB)

CO = Combat
FA = Field Artillery
EL = Electronic
OF = Operators and Foods
GM = General Maintenance
MM = Motor Maintenance
CL = Clerical
ST = Skilled Technical
GT = General Technical
SC = Surveillance/Communication

Army Qualification Battery (AQB)

IN = Infantry/Combat
AE = Armor Artillery/Engineer
GM = General Maintenance
EL = Electronics
MN = Motor Maintenance
CL = Clerical
GT = General Technical

Basic Test Battery (BTB)

GCT = General Classification Test
ARI = Arithmetic
MECH = Mechanical
CST = Clerical
EST = Electronic
SHOP = Shop Information

Airman Qualification Examination (AQE)

M = Mechanical
A = Arithmetic
G = General
E = Electronic

Short Basic Test Battery (SBTB)

GCI = General
ARI = Arithmetic
MECH = Mechanical

APPENDIX E. ARMED FORCES EXAMINATION AND ENTRY STATION (AFEES) CODES

1. Albany, NY
2. Ashland, KY
3. Baltimore, MD
4. Bangor, ME
5. Beckley, WV
6. Boston, MA
7. Buffalo, NY
8. Cincinnati, OH
9. Cleveland, OH
10. Columbus, OH
11. Fairmont, WV
12. Harrisburg, PA
13. Louisville, KY
14. Manchester, NH
15. Newark, NJ
16. New Haven, CT
17. Whitehall, NY
18. Philadelphia, PA
19. Pittsburgh, PA
20. Portland, ME
21. Providence, RI
22. Richmond, VA
23. Roanoke, VA
24. Springfield, MA
25. Syracuse, NY
26. Wilkes-Barre, PA
27. Ft. Hamilton, NY
28. Atlanta, GA
29. Charlotte, NC
30. Coral Gables, FL
31. Ft. Jackson, SC
32. Jackson, MS
33. Jacksonville, FL
34. Knoxville, TN
35. Memphis, TN
36. Montgomery, AL
37. Nashville, TN
38. Raleigh, NC
39. San Juan, PR
40. Abilene, TX
41. Albuquerque, NM
42. Amarillo, TX
43. Dallas, TX
44. El Paso, TX
45. Houston, TX
46. Little Rock, AR
47. New Orleans, LA
48. Oklahoma City, OK
49. San Antonio, TX
50. Shreveport, LA
51. Chicago, IL
52. Denver, Co
53. Des Moines, IA
54. Detroit, MI
55. Fargo, ND
56. Indianapolis, IN
57. Kansas City, MO
58. Milwaukee, WI
59. Minneapolis, MN
60. Omaha, NE
61. Sioux Falls, SD
62. St. Louis, MO
63. Boise, ID
64. Butte, MT
65. Salt Lake City, UT
66. Fresno, CA
67. Los Angeles, CA
68. Oakland, CA
69. Phoenix, AZ
70. Portland, OR
71. Seattle, MA
72. Spokane, WA
73. Anchorage, AK
74. Honolulu, HI
75. Guam
76. San Diego, CA
77. Atlantic ENL
78. Pacific ENL

APPENDIX F. MILITARY OCCUPATIONAL CODES

DoD Occ. ENLISTED:	Title	DOD Occ. OFFICER:	Title
010	Infantry, General		
011	Special Forces		
012	Military Training Instructor		
020	Armor and Amphibious, General		
030	Combat Engineering, General		
041	Artillery and Gunnery		
043	Missile Artillery, Operating Crew		
050	Air Crew, General		
051	Pilots and Navigators		
060	Boatswains		
061	Navigators		
062	Small Boat Operators		
063	Seamanship, General		
070	Security, Guards		
100	Radio/Radar, General		
101	Communications Radio	101	General and Flag
102	Navigation, Communication and Countermeasure, n.e.c.	102	Executives, n.e.c.
103	Air Traffic Control Radar		
104	Surveillance/Target Acquisition and Tracking Radar		
111	Bomb-Navigation		
112	Airborne Fire Control		
113	Shipboard and Other Fire Control		
121	Missile Guidance and Control		
122	Missile Checkout Equipment, Test Equipment, and Calibration		
123	Torpedo		
130	Sonar, General		
140	Nuclear Weapons Equipment Repair, General		
150	ADP Computers, General		
160	Teletype and Cryptographic Equipment, General		
191	Training Devices		
193	Shipboard Inertial Navigation Systems		
198	Electronic Instruments, n.e.c.		
201	Radio Code	201	Fixed-Wing Fighter and Bomber Pilots
202	Non-Code Radio	202	Other Fixed-Wing Pilots
203	Non-Radio Communications (Visual)	203	Helicopter Pilots
		204	Aircraft Crews
		205	Ground and Naval Arms
		206	Missiles
		207	Operations Staff
		208	Civilian Pilots
210	Sonar Operator, General		
221	Radar		
222	Air Traffic Control		
230	Signal Intelligence/Electronic Warfare, General		
231	Intercept (Code and Non-Code)		
232	Analysis		
233	Electronic Countermeasures		
241	Language Interrogation/Interpretation		
242	Image Interpretation		
243	Operational Intelligence		
244	Counterintelligence		
250	Combat Operations Control, General		

DoD Occ. ENLISTED:	Title	DOD Occ. OFFICER:	Title
260	Communications Center Operations, General		
300	Medical Care and Treatment, General		
301	Operating Room	301	Intelligence, General
302	Mental Care	302	Communications Intelligence
303	Therapy	303	Counterintelligence
304	Orthopedic		
311	Laboratory		
312	Pharmacy		
313	Radiology		
321	Food Inspection and Veterinary Services		
322	Preventive Medical Services		
330	Dental Care, General		
331	Dental Laboratory		
400	Photography, General		
		401	Construction and Utilities
		402	Electrical/Electronic
		403	Communications and Radar
		404	Aviation Maintenance and Allied
		405	Ordnance
		406	Missile Maintenance
		407	Ship Construction and Maintenance
		408	Ship Machinery
		410	Safety
411	Mapping	411	Chemical
412	Surveying	412	Automotive and Allied
413	Drafting	413	Surveying and Mapping
414	Illustrating	414	Other
420	Weather, General		
431	EOD/UDT		
433	Diver		
450	Musicians, General		
491	Physical Science Laboratory		
492	Memorial Activities and Embalming		
492	Safety		
494	Nuclear, Biological, and Chemical Warfare Specialists		
495	Firefighting and Damage Control		
496	Other Technical Specialists and Assistants		
500	Personnel, General		
501	Recruiting and Counseling	501	Physical Scientists
		502	Meterologists
		503	Biological Scientists
		504	Social Scientists
		505	Psychologists
		506	Legal
		507	Chaplains
		508	Social Workers
510	Administration, General	510	Mathematicians and Statistics
511	Stenography	511	Educators and Instructors
512	Legal	512	Research and Development Coordinators
513	Medical Activities Officers	513	Community
		514	Scientists and Professionals, n.e.c.

DoD Occ.	Title	DOD Occ.	Title
ENLISTED:		OFFICER:	
520	Combined Personnel and Administration, General		
521	First Sergeants and Sergeants Major		
531	Operators/Analysts		
532	Programmers		
541	Auditing and Accounting		
542	Disbursing		
551	Supply Administration		
552	Unit Supply		
553	Transportation		
554	Postal		
555	Aviation Maintenance Records and Reports		
556	Flight Operations		
557	Production and Quality Control		
558	Functional Analysis		
561	Chaplain's Assistants		
562	Recreation and Welfare		
570	Information and Education, General		
600	Aircraft, General		
601	Aircraft Engines	601	Physicians
602	Aircraft Accessories		
603	Aircraft Structures	603	Dentists
604	Aircraft Launch Equipment		
		605	General Nurses
		606	Nursing Specialists
		607	Veterinarians
		608	Allied Medical
610	Automotive, General		
611	Track Vehicle		
612	Construction Equipment		
620	Wire Communications, General		
621	Lineman		
622	Central Office		
623	Interior Communications		
631	Missile Engine		
632	Missile Mechanic		
633	Missile Launch and Support Facilities		
640	Armament Maintenance, General		
641	Small Arms Repair		
642	Artillery Repair		
643	Turret Repair		
644	Nuclear Weapons Maintenance and Assembly		
645	Ammunition Repair		
646	Aviation Ordnance		
647	Mines and Degaussing		
651	Main Propulsion		
652	Auxiliaries		
661	Nuclear Power		
662	Electric Power		
670	Precision Equipment, General		
690	Other Mechanical and Electrical Equipment, General		
700	Metalworking, General		
701	Welding	701	Administrators, General
702	Machinist	702	Training Administrators
703	Sheetmetal	703	Manpower and Personnel
704	Metal Body Repair	704	Comptrollers and Fiscal

MILITARY OCCUPATIONAL CODES (continued)

DoD Occ. ENLISTED:	Title	DOD Occ. OFFICER:	Title
		705	Data Processing
		706	Pictorial
		707	Information
		708	Police
710	Construction, General		
711	Steelworking		
712	Woodworking	712	Inspection
713	Construction Equipment Operation	713	Medical Administration
		714	Morale and Welfare
720	Utilities, General		
721	Electrician		
740	Lithography, General		
750	Industrial Gas and Fuel Production, General		
760	Fabric, Leather, and Rubber, General		
790	Other Craftsmen, n.e.c., General		
800	Food Service, General		
801	Stewards and Enlisted Aides	801	Logistics, General
		802	Supply
		803	Transportation
		804	Procurement and Production
		805	Food Service
		806	Exchange and Commissary
		807	Other
811	Motor Vehicle Operators		
812	Railway Operators		
821	Missile Fuel and Petroleum		
822	Warehousing and Equipment Handling		
823	Sales Store		
830	Law Enforcement, General		
831	Corrections		
832	Investigations		
840	Laundry and Personal Service, General		
850	Auxiliary Labor, General		
860	Forward Area Equipment Support, General		
870	Other Services, General		
901	Patients	901	Patients
902	Prisoners	902	Students
		905	Others
911	Cadets and Other Officer Candidates		
912	Students		
920	Undesignated Occupations, General		
950	Not Occupationally Qualified, General		

APPENDIX G. INTERSERVICE SEPARATION CODES

The interservice separation codes (ISC) were developed to enable meaningful cross-service comparison of separation reason for both enlisted and officer personnel. Originally developed with separation program numbers (SPN), the ISC codes are now based on the DoD Standard Data Element, Separation Program Designator (SPD). ISC codes, in addition to providing cross-service comparisons, now also enable longitudinal comparison of separation reason in spite on the change from SPN to SPD.

ISC codes are meaningful at the one and two digit level. The first position of the code puts the cause for separation in a broad category (e.g., 0=release from active service); the second position specifies the cause within that broad category. For officers, the ISC code is a direct conversion from the SPD code. For enlisted personnel, ISC codes are an interaction between SPD and character of service (as honorable or otherwise).

Part I: Enlisted	Part II: Officer
Release from active service	Release from active service
00 Transactions: Immediate Re-enlistment, Enlistment Extension, Dropped from Rolls, Record Correction	00 Transactions: Immediate Re-enlistment, Enlistment Extension, Dropped from Rolls, Record Correction
01 Expiration of Term of Service	01 Expiration of Term of Service
02 Early Release-Insufficient Retainability	02 Voluntary-to Attend School or to Teach
13 Early Release-to Attend School	03 Voluntary-in the National Interest
04 Early Release-Police Duty	04 Voluntary-Unqualified Resignation
05 Early Release-In the National Interest	05 Voluntary-Other Reasons
06 Early Release-Seasonal Employment	06 Involuntary-Temporary Officer Reverts to Enlisted Service
07 Early Release-to Teach	07 Involuntary-Maximum Age or Maximum Service
08 Early Release-Other	08 Involuntary-Other Reasons
Medical Disqualifications	Medical Disqualifications
10 Condition Existing Prior to Service	10 Condition Existing Prior to Service
11 Disability-Severance Pay	11 Disability-Severance Pay
12 Permanent Disability-Retired	12 Permanent Disability-Retired
13 Temporary Disability-Retired	13 Temporary Disability-Retired
14 Disability-Non EPTS-No Severance Pay	
15 Unqualified for Active Duty-Other	15 Disability-Title 10 Requirement 16 Unqualified for Active Duty-Other
Dependency or Hardship	Hardship
20 Dependency	20 Dependency
21 Hardship	21 Hardship
22 Dependency or Hardship	22 Dependency or Hardship
Death	Death
30 Battle Casualty	30 Battle Casualty
31 Non-Battle-Disease	31 Non-Battle-Disease
32 Non-Battle-Other	32 Non-Battle-Other
33 Death-Cause Not Specified	33 Death-Cause Not Specified

INTERSERVICE SEPARATION CODES (Continued)

Part I: Enlisted	Part II: Officer
Entry into Officer Programs	
40 Officer Commissioning Program	
41 Warrant Officer Program	
42 Service Academy	
Retirement (Other than Medical)	**Retirement (Other than Medical)**
50 20-30 Years of Service	50 20-30 Years of Service
51 Over 30 Years of Service	51 Over 30 Years of Service
52 Other Categories	52 Other Categories
	53 Failure of Selection for Promotion
Failure to Meet Minimum Behavioral and Performance Criteria	**Failure to Meet Minimum Behavioral and Performance Criteria**
60 Character or Behavior Disorder	
61 Motivational Problems	61 Substandard Performance of Duty
62 Enuresis	
63 Ineptitude	63 Failure of Course of Instruction
64 Alcoholism	64 Alcoholism
65 Discreditable Incidents-Civilian or Military	
66 Shirking	
67 Drugs	67 Drugs
68 Financial Irresponsibility	68 Financial Irresponsibility
69 Lack of Dependent Support	
70 Unsanitary Habits	
71 Civil Court Conviction	
72 Security	72 Security
73 Court Martial	73 Court Martial
74 Fraudulent Entry	
75 AWOL, Desertion	75 AWOL, Desertion
76 Homosexuality	76 Homosexuality
77 Sexual Perversion	
78 Good of the Service	78 Good of the Service
79 Juvenile Offender	79 Failure of Selection for Promotion
80 Misconduct-Reason Unknown	80 Unsuitability-Other
81 Unfitness-Reason Unknown	81 Unfitness or Unacceptable Conduct
82 Unsuitability-Reason Unknown	
84 Basic Training Attrition	
85 Failure to Meet Minimum Qualifications for Retention	85 Failure to Meet Minimum Requirements for Retention
86 Expeditious Discharge	
87 Trainee Discharge	
Other Separations or Discharges	**Other Separations or Discharges**
90 Secretarial Authority	90 Secretarial Authority
91 Erroneous Enlistment or Induction	
92 Sole Surviving Son	
93 Marriage	93 Marriage
94 Pregnancy	94 Pregnancy
95 Minority	
96 Conscientious Objector	96 Conscientious Objector
97 Parenthood	97 Parenthood
98 Breach of Contract	
99 Other	99 Other

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Andrew J. Kolstad
Project Officer, NLS-72
1229 Noyes Drive
Silver Spring, MD 20910

Dear Andy,

I've read through the NLS-72/DMDC user's manual, and in general I think it's a very good piece. In particular, the codebook sections are as good (as complete and easy to use) as any I've seen. I'm sending back to you my marked-up copy; most changes were typographical, or for consistency of terminology, rather than anything basic, stylistic, or substantive. There were two places near the beginning (page 8, and pages 10-11) that I had a little more trouble with.

The first paragraph of page 8 could be read in a way that trivializes the genesis of the data merge, as something Dennis and Zahava came up with over coffee one afternoon. Better wording might be something like: "the idea for a linkage between (the files) grew out of a need to analyze aspects of personal performance within and beyond military careers that could not adequately be treated in existing, isolated data sets."

Also, the discussion on pages 10-11 gives a good deal of consideration to NCES's observance of Privacy Act considerations and assurances to respondents, and by comparison makes DMDC's release of "centralized military" data seem rather arbitrary, if not scary. In fact, we also have a system of records and spend a good deal of energy worrying about the Privacy Act for our own data and for other DoD files. Administrative records are of course different from survey data, and carry no promise that these records in themselves are anonymous or confidential (any more than a tax return is), but our release of the data is in accord with the Privacy Act.

The statement on page 11 that respondents were not given an option to refuse access because DMDC does not require their consent is unfair and misleading. DMDC does not require consent, but neither does NCES(or RTI); the merger requires two partners.

I'd recommend that the last paragraph before section 2.1 on page 11 be taken out. At least it has to be revised substantially, along the lines suggested here and indicated by my mark-up on that page.

As far as the data set is concerned, we have copied the tape and thus verified that it is machine-readable. We still haven't verified the frequencies reported in the codebook, much less checked any of the data-editing. That will take quite a bit of programmer and "me" time, and I can't say when it will happen-probably not until I want to use it for analysis, most likely later this summer. I'll be talking to you about it before then.

Sincerely,

Kyle Johnson
Survey and Market Analysis Division

Comments - Doug Wright 8/26/95

Very Thorough discussion

Why do so many of the variables have the same name?

There needs to be something on response rates!
base period
substitution
& net result of file with which you're working

sec 1.3, p.7. - NLS-72
insert p.10?
sec 2.1 - matching

9/5 - Comments have been addressed. Response rates included.

Seems repetitious in spots. BJ 10/8

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National Longitudinal Study of the High School Class of 1972

NLS-72/DMDC Military Records Data File User's Manual

by Andrew Kolstad

NLS-72 Project Officer
Longitudinal Studies Branch
Center for Education Statistics

January 1987

TABLE OF CONTENTS

1. INTRODUCTION 1

1.1 The Longitudinal Studies Program at NCES 2

1.2 Relation of High School and Beyond to NLS-72 4

1.3 Overview of the NLS-72 Base Year and Follow-Up Surveys 5

1.4 DMDC Administrative Records on Military Personnel 9

1.5 Institutional Roles and Cooperation 10

2. DATA LINKAGE PROCEDURES AND CONFIDENTIALITY 13

2.1 Method of Matching 14

2.2 Quality of Matches 18

3. ORGANIZATION AND CONTENT OF THE DATA FILES 20

3.1 Identification Codes for Merging 20

3.2 Description of DMDC variables 22

3.3 Editing the NLS-72 Survey Data on Military Service 31

3.4 Construction of Event Histories from Annual Reports 33

3.5 Guide to Machine-Readable Files and the Codebook 35

4. CODEBOOK 40

Appendix A. LIST OF RELATED NLS-72 DATA FILES 78

Appendix B. RECORD LAYOUT OF THE NLS-72/DMDC MILITARY RECORDS FILE 80

Appendix C. FIPS STATE CODES AND 3-DIGIT ZIP CODES 84

Appendix D. SUBTEST APTITUDE AREAS FOR VARIOUS MENTAL TESTS 85

Appendix E. ARMED FORCES EXAMINATION AND ENTRY STATION (AFEES) CODES 86

Appendix F. MILITARY OCCUPATIONAL CODES 87

Appendix G. INTERSERVICE SEPARATION CODES 91

Acknowledgments

This data file was a result of a cooperative project between the Center for Education Statistics (CES) and the Defense Manpower Data Center (DMDC), with the assistance of two organizations under contract to CES: the Research Triangle Institute (RTI) and Mathematica Policy Research, Inc. (MPR). The author wishes to thank all the persons associated with these organizations who contributed to the production of this data file and users manual: at DMDC, the main project personnel were David Boesel, Zahava Doering, Mark Howell, Kyle Johnson, and Gwen O'Neill; at RTI, the principals involved were Debra Duncan, William Eckerman, Daniel Horvitz, and Jay Levinsohn; and at MPR, the main analysts were Matthew Black and Tom Fraker. Gus Haggstrom of the Rand Corporation provided help in editing military service data from the NLS-72 follow-up surveys, based on his work on an unrelated project. The author also thanks C. Dennis Carroll and Jeffrey Owings of the Longitudinal Studies Branch staff, who assisted in this project.

1. INTRODUCTION

The purpose of this user's manual is to provide the information needed to use the Defense Manpower Data Center (DMDC) military records data file in conjunction with survey data from the National Longitudinal Study of the High School Class of 1972 (NLS-72). The NLS-72/DMDC military records data file contains information about the military careers of about 1750 men in the NLS-72 sample who enlisted in the military. The information contained in this data file includes both measures recorded at the time of enlistment (such as date of entry, branch of service, term of enlistment, entry pay grade, Armed Forces Qualifying Test [AFQT] score, demographic measures, and educational attainment), and measures that change during the enlistee's military career (such as current pay grade, military occupation, and re-enlistment or separation status). When linked, the result is a unique analysis file that combines the best features of both data sources, making possible analyses of both pre-service and post-service careers of young men--information that is not available from military records alone.

To ensure that researchers are aware of the relationships among the several components of the National Longitudinal Study of the High School Class of 1972 (NLS-72), this introductory chapter presents an overview of the longitudinal studies program and the NLS-72 project, as well as an overview of the administrative records kept by the Defense Manpower Data Center (DMDC), and the institutional cooperation needed to construct this data file. Chapter 2 describes the linkage process used in preparing the

NLS-72/DMDC military records data file, the methods used to avoid compromising the privacy of the personally identifying information used in this process, and briefly discusses the degree of success achieved in matching. Chapter 3 explains the organization and content of the data files, discusses how to merge the NLS-72/DMDC military records data file with an extract of the NLS-72 data archive file, describes the variables included and the specifications for missing data, outlines the editing done on the NLS-72 survey data military variables, gives some general advice on constructing event history data from annual reports of military service, and provides a guide to the codebook. Chapter 4 consists of the codebook itself.

Additional information is included in the appendices: Appendix A contains a description of other NLS-72 data files, and Appendix B contains the record layout of the NLS-72/DMDC military records data file. Appendices C through G contain various classification codes used in the data file.

1.1 The Longitudinal Studies Program at CES

The mandate of the Center for Education Statistics (CES) includes the responsibility to "collect and disseminate statistics and other data related to education in the United States" and to "conduct and publish reports on specific analyses of the meaning and significance of such statistics" (Education Amendments of 1974--Public Law 93-380, Title V, Section 501, amending part A of the General Education Provisions Act).

Consistent with this mandate and in response to the need for policy-relevant, time-series data on a nationally representative

sample of high school students, CES instituted the National Education Longitudinal Studies (NELS) program, a continuing long-term project. The general aim of the NELS program is to study longitudinally the educational, vocational, and personal development of high school students and the personal, familial, social, institutional, and cultural factors that may affect that development.

The NELS program was planned to utilize time-series data bases in two ways: (1) each cohort is surveyed at regular intervals over a span of years, and (2) comparable data are obtained from successive cohorts, permitting studies of trends relevant to educational and career development and societal roles. The NELS program consists of three major studies: The National Longitudinal Study of the High School Class of 1972 (NLS-72), the High School and Beyond (HS&B) national study of sophomore and senior classes beginning in 1980, and the National Education Longitudinal Study of 1988 (NELS:88) that will begin with a class of eighth grade students.

The first, NLS-72, was designed to inform federal policy in the decade of the 1970s. NLS-72 began with the collection of comprehensive base year data from high school seniors in the spring of 1972. Follow-up surveys were conducted in the fall and winter of 1973, 1974, 1976, 1979, and 1986. Postsecondary educational transcripts for those in the sample who obtained further schooling or training after high school were collected in 1984.

The second, HS&B, was designed to inform federal and state policy in the decade of the 1980s. HS&B began in 1980 with the

collection of base year data on high school seniors and sophomores. Follow-ups surveys were conducted in the spring of 1982, 1984, and 1986. Postsecondary financial aid records and educational transcripts for those in the sample who obtained further schooling or training after high school were collected in 1984.

The third, NELS:88, was designed to inform federal and state policy in the decade of the 1990s. NELS:88 will begin in 1988 with the collection of base year data on eighth grade students. Follow-up surveys are planned at two-year intervals. Educational transcripts will be obtained after this cohort completes high school in 1992.

1.2 Relation of High School and Beyond to NLS-72

High School and Beyond was designed to build on the NLS-72 in three ways. First, the base year of HS&B included a 1980 cohort of high school seniors that was directly comparable to the 1972 cohort. Replication of selected 1972 student questionnaire items and test items makes it possible to analyze changes that have occurred since 1972 and their relationship to recent federal policies and programs in education. Second, the introduction of a sophomore cohort provides data on the many critical educational and vocational choices made between the sophomore and senior years in high school, permitting a fuller understanding of the secondary school experience and its impact on students. Finally, HS&B has expanded the NLS-72 focus by collecting data on a broader range of life cycle factors, such as family-formation behavior, intellectual development, and social participation.

The design of the HS&B will permit a similar project to the present one; that is, DMDC military administrative records can be linked to the HS&B sophomore or senior cohorts.

1.3 Overview of the NLS-72 Base Year and Follow-up Surveys

The sample for the NLS-72 study was designed in two stages. The first stage consisted of a stratified national probability sample of secondary schools drawn from a list of all schools, public and private, in the 50 states and the District of Columbia, that contained twelfth graders during the 1971-72 school year. The school sample was divided into 600 strata using the following variables: public or nonpublic type of control, four geographic regions, three sizes of grade 12 enrollment, three distances from institutions of higher learning, eight categories of percent of minority group enrollment, eleven categories of community income level, and ten categories of degree of urbanization. Among these stratifying variables, two were used to include schools in the sample with probabilities higher than their occurrence in the population to allow for study of certain types of students: students from low-income communities and students from schools with high proportion of minority group enrollment.*

The school participation rate was high. Two schools were

---

*Detailed information about the base-year sample can be found in the Westat report on sample design for the base year: "Sample Design for the Selection of a Sample of Schools with Twelfth-Graders for a Longitudinal Study," Rockville: WESTAT, Inc., June 1972. Summary sampling information is contained in the Base-Year (1972) through Fourth Follow-Up (1979) Data File Users Manual, Research Triangle Institute, June 1981.

selected in each stratum to be in the primary sample of 1200 schools. After substitution of other schools in the same stratum for schools that did not initially participate, the number of high schools agreeing to participate in the base year survey reached 948. Because the base year survey was late getting into the field, many high schools were too close to the end of the school year to participate in the NLS-72 base-year survey. In 1973, the non-participating schools were recontacted and asked to provide lists of their 1972 seniors. As a result, another 205 schools (combined primary sample total, 1153 schools) participated in the resurvey effort.

In both the base year and resurvey efforts, other schools from the same stratum were used as substitute selections if one or both of the primary schools did not participate. This substitution procedure, after the later participation of the schools originally selected, resulted in the inclusion of an additional 165 schools (combined sample total, 1318 high schools.

School questionnaires were mailed to the school administrators in the base year. The school administrators were asked to conduct the testing, administer the questionnaires, fill in the student record information forms, and complete the school survey form. The resurvey schools were asked to fill in the school questionnaire and the student record information form later, prior to the 1973 first follow-up survey.

The school questionnaire provided information about enrollment, staff, educational programs, facilities and services, time scheduling, grading systems, and special programs for disadvantaged students. The counselor questionnaire provided information

on work loads, counseling practices and facilities, experience with student financial aid programs, and the social background and experience of the counselors.

In the second stage of the NLS-72 study design, 18 seniors in each school were randomly selected from school enrollment lists (in schools with fewer than 18 seniors, all eligible students were included). Of the 19,001 seniors selected to participate in the base year survey, 16,683 students (88 percent) completed a base year questionnaire. The size of the sample was expanded by 4,450 students to 23,451 using the lists of 1972 seniors provided by the newly participating high schools during the resurvey effort of the 1973 first follow-up. The expanded NLS-72 data file consists of 22,652 former 1972 seniors who completed at least one of the five base-year or follow-up survey forms.

The NLS-72 seniors were asked to complete five follow-up surveys in the fourteen years following the base year survey. These surveys were conducted in the fall and winter of 1973, 1974, 1976, 1979, and 1986. The survey administration for the NLS-72 students utilized two basic methods of data collection: group administration of questionnaires and tests to the senior cohort in the base year survey, and mailed questionnaires in the follow-up surveys, with personal and telephone interviews of former seniors who did not initially respond to the mailed questionnaire. Intensive tracing efforts have been quite successful: 83 percent of the base year sample and 85 percent of

the first follow-up sample responded to the 1979 fourth follow-up survey.

The base year student questionnaire focused on individual and family background, high school experiences, work experiences, and plans for the future. The resurvey students (those added to the base year sample during the first follow-up) were asked to fill in a few extra retrospective questions about their background. Subsequently, these resurvey students were treated like all the other sample members, except they did not have test scores and certain other base year information available. Cognitive tests administered to seniors measured both verbal and quantitative abilities, as well as measuring abstract and nonverbal abilities.* The same test items were later used in the HS&B survey. Of the 194 test items administered to the HS&B senior cohort in the base year, 86 percent were identical to those given to the NLS-72 base year respondents.

School personnel completed the student's school record information form after reviewing the sample student's high school records. This form collected information on the student's grade average, rank in class, SAT or ACT scores (if available), number of semesters of course work taken in various subject matter areas, and participation in various Federal programs.

Each follow-up survey asked the former 1972 seniors about

---

*For an assessment of the cognitive tests, see William B. Fetters and Frances R. Melone, "An Examination of the Value of 1972 Tests Scheduled to be Omitted from the HS&B Battery," CES, December 1978, and Final Report: the Base Year Survey of the National Longitudinal Study of the High School Class of 1972, Princeton: Educational Testing Service, June 1973.

their activities, educational attainments, school experiences, work experiences, goals and attitudes, marital and family status, and military experiences. The military experience section asked for basic information (such as term and branch of service, current pay grade and occupational specialty) and for information on training received while on duty and for career plans for the period after leaving the armed forces.

1.4 DMDC Administrative Records on Military Personnel

The Defense Manpower Data Center maintains administrative records on a complete census, not simply a statistical sample, of members and former members of the United States Armed Services. DMDC maintains three types of data files of interest in the present context, corresponding to three phases of military service: Applicant/Accession files, for those who apply to enter, or are inducted into the military; Master files, for those who serve on active duty; and Loss files, for those who leave military service. Each type of file is updated at periodic intervals, and the files for earlier periods are maintained. However, once members of the armed forces leave military service, no further information is available on their activities.

These three types of files provide a variety of items of information about military careers. The Applicant/Accession files include geographic, demographic, and educational attainment measures at the time of enlistment, as well as the date of entry, branch of service, term of enlistment, entry pay grade, and Armed Forces Qualifying Test (AFQT) percentile score. The Master files include the current pay grade (at the time the file was updated)

and the time it was attained, military occupation, and the date of latest enlistment or re-enlistment. The Loss files also include the current pay grade and date of attainment, as well as the reason for separation and eligibility for re-enlistment.

Unlike the DMDC records, the NLS-72 project continues to track the activities of its sample of former 1972 seniors, even after military service. Because the DMDC files contain information on every member of the population who has served in the military, it was possible to find records for each member of the NLS-72 survey sample who ever entered the military. The additional information from the DMDC records, in combination with the follow-up survey data obtained by the NLS-72 project, provides a rich basis for policy analysis of military human resource issues.

1.5 Institutional Roles and Cooperation

The research potential of survey data bases like the NLS-72 can sometimes be expanded by linking them with governmental administrative files. For example, the Current Population Survey has been linked with administrative files maintained by both the Internal Revenue Service and the Social Security Administration. The idea for a linkage between the NLS-72 survey data and the DMDC administrative records grew out of a need to analyze aspects of personnel performance during and after military careers that could not adequately be treated using existing data sets. Zahava Doering of DMDC and Dennis Carroll of CES observed that if both files could be linked by Social Security numbers (SSNs), some important analyses could be performed that would otherwise not be

possible with any existing data. This basic idea required the cooperation of several organizations.

The linkage idea was then formalized in a memorandum of understanding between CES and DMDC, specifying first, that DMDC would extract the appropriate records from the DMDC administrative files and provide the funding for an analysis contract for the combined NLS-72/DMDC data, and second, that CES would provide a list of social security numbers for the extraction process, link the DMDC data with the NLS-72 data, contract for an analysis of the combined NLS-72/DMDC data, provide a programmer/ analyst for the analysis contract, and deliver to DMDC a copy of the NLS-72 data file and the NLS-72/DMDC military records data file.

Since social security numbers are personally identifying information that must be kept confidential, a process had to be worked out to protect the privacy of the NLS-72 sample members. CES does not in fact have access to these SSNs; they are maintained by contractor personnel as a legally defined "system of records." Notice was published in the Federal Register on October 1, 1975, establishing the Research Triangle Institute of North Carolina (RTI), CES principal data collection contractor for the NLS-72 project, as the legal custodian of the system of records.

In order to link the military records with NLS-72 data, CES contracted with RTI for two services: first, to provide a list of names and SSNs to DMDC and second, after DMDC extracted the military data for that list, to replace the SSNs in the DMDC extract file with NLS-72 identification codes for merging with CES data. RTI senior managers reviewed the contracted procedures

to ensure that this process did not compromise the privacy of the respondent's identities.

In order to use the combined NLS-72/DMDC data, CES contracted with Mathematica Policy Research, Inc. (MPR), for an analysis of human resource policy issues. In the early stages of the contract, MPR analysts specified which items of information available in the DMDC Accession, Master, and Loss files would be most appropriate for analytic purposes. These items then become the variables that DMDC extracted for each person (identified by name and SSN) on the list provided by RTI.

In the later stages of the project, MPR analysts specified how the NLS-72/DMDC military records data file should be edited and then conducted the analysis. CES provided much of the programming needed for the analysis, as well as software and expert consulting needed for event-history analysis, the most appropriate method for analysis of longitudinal processes that develop over a period of time. The MPR analysis is reported in a volume entitled An Analysis of the Success of High School Graduates in the Military.

2. DATA LINKAGE PROCEDURES AND CONFIDENTIALITY

In very general terms, the crucial data items that are essential to link survey data and administrative records are such personally identifying items as names, addresses, birthdates, and social security numbers for individuals, school names and addresses, employer names and addresses, and job titles and duties. Without this kind of detailed, yet often sensitive and private information, a unique, one-to-one linkage is impossible. Two important issues arise in linking the data: first, legal and ethical restrictions and second, problems of obtaining cooperation of the respondents and the institutions that maintain the records. In the present case, where CES and DMDC wanted to link NLS-72 survey data and data from military administrative records, similar issues arose.

The legal and ethical restrictions arose from the following considerations. Linking different kinds of administrative records about entire populations became a technical possibility with the advent of the computer age. The potential for abuse brought about legislative responses, including the requirements of the Family Educational Rights in Privacy Act and other laws and regulations. As governmental agencies, CES and DMDC must obey these requirements.

Ethical problems can also arise for researchers if data collected for research purposes can be used for adverse administrative actions against individuals who furnished such information to survey personnel and were promised confidentiality. The NLS-72 sample members were given the following promises:

"All of the information that you provide will be absolutely confidential; your name will never be published or associated in any way with your individual answers."

"All information which would permit identification of the individual will be held in strict confidence, will be used only by persons engaged in and for the purposes of the survey, and will not be disclosed or released to others for any purpose."

"This information will be kept in strict confidence and will be used only for future follow-ups in the National Longitudinal Study of the High School Class of 1972."

The procedures used to link the survey data to military administrative records were designed to keep these CES promises to the NLS-72 sample members and to avoid legal and ethical problems.

Because of these considerations, many precautions were taken to keep the identities of the NLS-72 participants separate from the survey data they supplied and restrict access to the linkage, so that only RTI (the custodian of the NLS-72 system of records) had the capacity to link the two. Keeping identifiers private and separate from other survey data was an essential goal of this project.

2.1 Method of Matching

The matching process involved the cooperative efforts of computer programmers and data analysts at several organizations: the Research Triangle Institute, the Defense Manpower Data Center, the National Center for Education Statistics, and Mathematica Policy Research, Inc.

RTI went through a series of steps to create the links between the NLS-72 data and DMDC military records. In order to

create the list of Social Security numbers (SSNs) and other items to send to DMDC, RTI first extracted several variables from the NLS-72 Master file: student ID number, composite birthdate, and composite sex. (Of course, a person can have only one sex; in this context, "composite" means an automated reconciliation of conflicting reports from different surveys on the same item of information.) RTI then extracted several variables from the NLS-72 Name and Address file: name, address, student ID number, and SSN. Finally, RTI merged the two extracts, deleted all sample members who were female or whose gender was unknown (leaving a total of 11,222 cases), and replaced the regular NLS-72 student ID code with an RTI-created temporary ID code (so that the new extract file could not be linked to the NLS-72 data by anyone but RTI). Only the male sample members were retained, because DMDC and CES ascertained that the 210 females in the sample who joined the military were too small a group to produce statistically reliable analyses.

This RTI-produced file was sent to CES and forwarded to the Defense Manpower Data Center. When DMDC received this extract file, the DMDC programmer used the SSNs and year of birth to match records in the Applicant/Accession, Master, and Loss files for the years 1972 to 1979. This process resulted in a file containing selected Applicant/Accession variables in a common format, a longitudinally-assembled set of variables from the edited Master files for the years 1972 to 1979, and, in cases in which the NLS-72 sample member re-enlisted or left the services, selected variables from the Loss files.

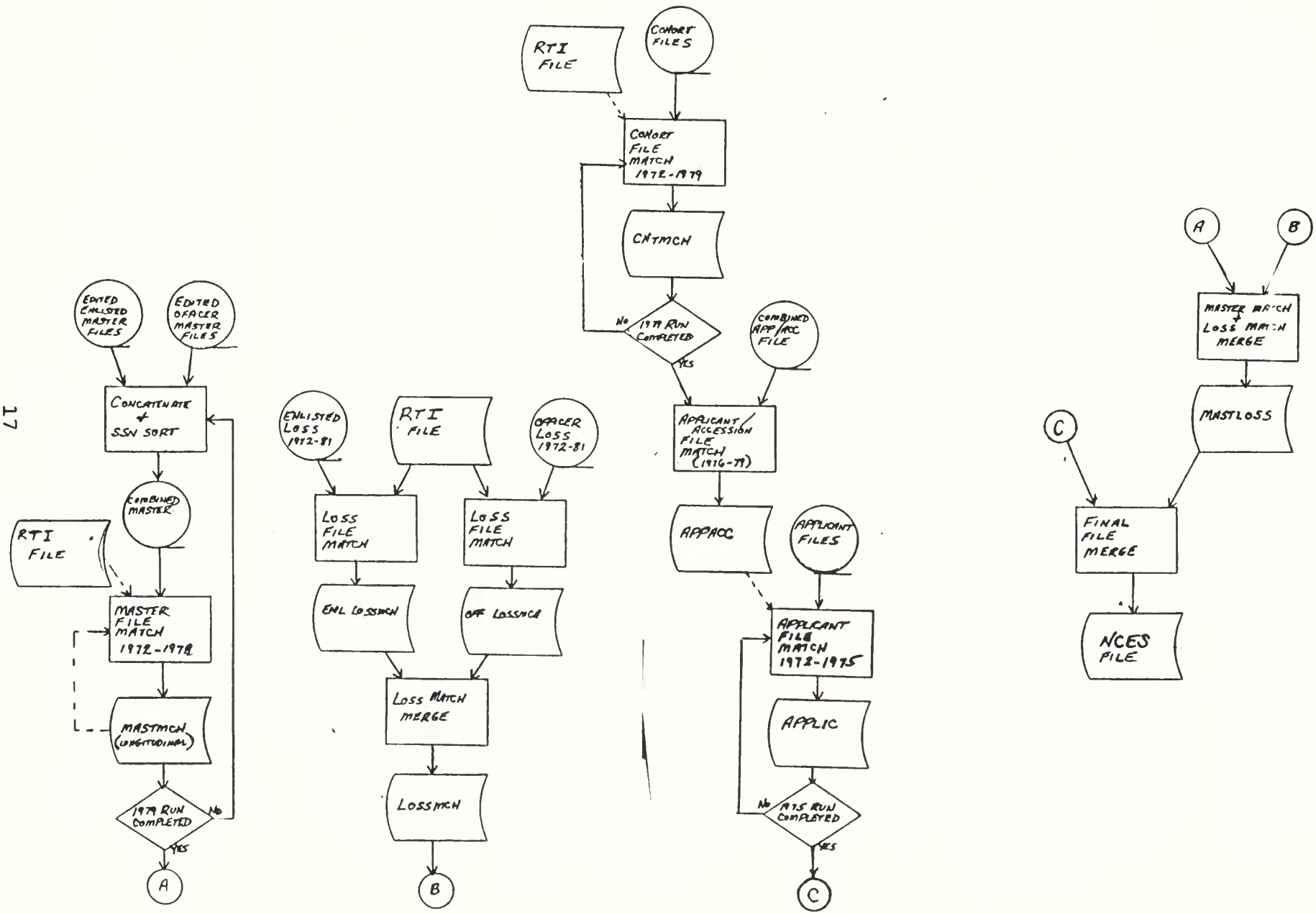
Not all the information contained on the various DMDC files

was retained in the file extracts. The data analysts at MPR, in consultation with CES and DMDC personnel, made decisions about which of the available data items would have some relevance to human resource policy issues. Items of use solely for administrative purposes were omitted.

Some of the DMDC data files do not follow consistent formats over the 1972 to 1979 time period. The accession data within the DMDC cohort files exists in two formats: the pre-1976 format and the 1976-present format. From 1976 onwards, the applicant and accession file exist in a combined form, but prior to 1976, the applicants were kept separate. The 1972-79 Cohort files, the 1976-79 combined Applicant and Accession files, and the 1972-75 Applicant files contain many of the same variables in three different formats or codings. For this project, DMDC recoded the variables into a standardized format to eliminate the inconsistencies. Variables in the Master and Loss files follow standard formats during this period and did not require further editing to eliminate inconsistent coding.

The four flow charts in Figure 1 summarize the process the DMDC programmer went through to extract the appropriate NLS-72 cases from their military records. The chart that ends with file A summarizes the processing of the Master files; the chart that ends with file B summarizes the processing of the Loss files; and the chart that ends with file C summarizes the processing of the Cohort files, the combined Applicant/Accession files, and the

Figure 1. DMDC military records extraction process



Applicant files. The remaining chart illustrates the merger process to combine the three files into the final data extract that was returned to CES for analysis.

After the DMDC file extract was returned to CES, it was forwarded to North Carolina, where RTI replaced the temporary, RTI-created ID code with the regular NLS-72 student ID codes (so that the DMDC military records data file could be merged with the NLS-72 master file) and removed the names, birthdates, and Social Security numbers. In order to protect the identities of the respondents, the CES and DMDC copies of the DMDC file extract that contained the personally identifying information were destroyed as soon as RTI verified that the replacement with NLS-72 student ID codes was successful and that RTI had made backup copies. Then RTI sent the NLS-72/DMDC military records data file, now containing the NLS-72 student ID codes, to CES for analysis by the Mathematica Policy Research and CES researchers.

This data file, with the addition of some edited variables from the military section of the NLS-72 follow-up surveys and the substitution of a consistent system for handling dates and missing values, constitutes the final product of this process: the NLS-72/DMDC military records data file. Constructing this data file, by linking sample survey data with administrative records, required cooperation among many organizations.

2.2 Quality of the Matches

The success of this project in matching survey data and institutional records was determined by the quality of the identifying information and the completeness of the military

administrative records. The extent of certain kinds of incompleteness or inconsistencies can give a sense of how good the matching process was, but no satisfactory, quantitative measure of the match rate is available.

When RTI supplied the list of Social Security numbers, 599 out of the 11,222 male cases had missing SSNs (even though the respondents were requested to give their SSN on three separate occasions), so DMDC could not find a match for these cases. Based on self-reported cases with military service, 1746 NLS-72 men served in the military; DMDC was able to match 1526 cases. The remaining cases may have been inaccurate reporting on the part of the NLS-72 respondents, very short terms of service, or missing or inaccurate SSNs. One way to assess the accuracy of the SSNs in the NLS-72 and DMDC files is to compare the names in the two files. Of the 1526 records that DMDC matched, 34 names were different (3 of these were women's names), indicating a small degree of inaccuracy in the SSNs.

The beginning of each record of the NLS-72/DMDC data file contains a set of flags indicating whether a match was found for each type of DMDC file, and if found, whether the match was for both SSN and birth year, or--in a few cases--simply for SSN. The codebook contained in section 5 of this data file user's manual shows the frequencies of each type of match.

3. ORGANIZATION AND CONTENT OF THE DATA FILES

The preceding chapter of this user's manual described the various procedures followed to link DMDC administrative records on military service with NLS-72 student ID codes, so that NLS-72 survey data could be merged with the NLS-72/DMDC military records data. This chapter describes the ID codes and programming needed to merge these data with information from the NLS-72 master file, the kind of information contained on the NLS-72/DMDC military records data file, the editing used to reconcile multiple reports on military service in different NLS-72 follow-up surveys, and provides a guide to the data files associated with the NLS-72/DMDC military records data and the more technical information contained in the codebook.

Each record in the NLS-72/DMDC military records data file is organized as shown in the record layout that appears as Appendix B. The variables on the record are logically grouped, as discussed in sections 3.2 and 3.3 below.

3.1 Identification Codes for Merging

The data file user can get access to any of the variables on the NLS-72 data file by merging this military records data file with other data files that contain the NLS-72 identification codes. The other, related NLS-72 data files that contain these codes are listed in Appendix A. The process needed to merge the various files is described in this section of the data file users manual.

The NLS-72 student data file is very large; it contains 22,652 cases and 3,524 variables for each case. It requires

three reels of high-density computer tape to hold the entire file. The users manual associated with the file fills three volumes. Because the NLS-72 student data file is so large, it should be treated as an archive. The NLS-72/DMDC military records data file was therefore distributed as a separate file, rather than merging another 210 variables, for that portion of the sample that served in the military, onto the end of the NLS-72 student file record.

The first step in analyzing the data should be to select the cases and variables to be used in any particular analysis and extract them from the NLS-72 file. Since the NLS-72/DMDC military records are available only for males, about half the cases in the NLS-72 student data file can be omitted immediately. For some analytic purposes, only those cases who entered the military are relevant, so the number of cases can be reduced to less than a tenth of the original size. Some of the variables in the NLS-72 student data file, like the DMDC source data files, contain information of administrative interest, of little relevance to human resource policy and can be omitted from the extract. Other variables also have little relevance to a well-focussed analysis project and can be omitted. After the selection of variables and cases is made, an extract of the NLS-72 student data can be merged with the NLS-72/DMDC military records data file, using the procedure described below.

Three variables are used to order and identify the cases in the NLS-72 data files: RTI_ID (the student identification code, ranging in value from 1 to 89,996), SCHCODE (the school identification code, ranging in value from 4 to 9,996), and

FINSTNO (the final stratum number used in sampling the schools, ranging in value from 1 to 608). The cases in the NLS-72 student data file are sorted in ascending order by FINSTNO; within strata grouped (though not in numerical order) by SCHCODE; and within schools sorted in ascending order by RTI_ID. The cases in the NLS-72 school data file are sorted in ascending order by FINSTNO; within strata sorted in ascending order by SCHCODE. The cases in the NLS-72 school district data file are sorted in ascending order by FINSTNO; within strata sorted in ascending order by SCHCODE. The cases in the NLS-72/DMDC military records data file are sorted in ascending order by FINSTNO; within strata sorted in ascending order by SCHCODE; and within schools sorted in ascending order by RTI_ID.

To merge the data properly, the extract of the NLS-72 student data file should be sorted into the same order as the NLS-72/DMDC military records data file, and merged into a single file with a check that the three identification codes--FINSTNO, SCHCODE, and RTI_ID--are identical. Cases that do not have matching NLS-72/DMDC military records can be dropped, if comparisons with a non-military group are unnecessary.

3.2 Description of DMDC Variables

Following in the NLS-72/DMDC military records data file the identification codes described in the preceding section are the match flags mentioned in section 2.2. These flags are keyed to each block of data from the different sources. If these flags show no match was made, then the associated block of variables from the Applicant/Accession data, the 1972 to 1979 Master file

data, the most recent and next most recent Loss data, and the edited NLS-72 data are entirely missing. Following these flags, when set, appear the DMDC data from three sources: the Applicant/Accession/Cohort files, the Master files, and the Loss files. This section presents additional details on the variables that come from these three sources. Section 3.3 describes the edited variables derived from NLS-72 follow-up survey data.

Applicant/Accession Data The Applicant/Accession files include geographic variables, demographic variables, educational attainment and aptitude measures at the time of examination or enlistment, and military status variables. The names of the variables from the Applicant/Accession file follow a convention to identify the source for each variable: Aaaaa, where A identifies the source and aaaa is the alphabetic acronym for a variable that contains the same information for each Applicant/Accession file record.

The first variables in the Applicant/Accession group are geographic. Census region, ACR, is the standard census grouping of states into nine larger geographic entries; it refers to the census region of the service members home of record. ASTATE is the Federal Information Processing Standard (FIPS) state code of the subject's home of record, and AZIPF is the first three digits of the zip code of the subject's home of record. The city in which the Armed Forces Examining and Entrance Station (AFEES) is located is recorded in the AAFEES variable. AAFEES could be used, for example, in an analysis to merge local labor market indicators, such as average wage and unemployment rates, at the

time the person applies or enlists.

The next variables of the Applicant/Accession group are standard background variables. Age at entry, AAAE, was computed by using date of birth and date of AFEES determination. Only year of birth, ADOBYR, was retained for this file, though the rest of the date of birth can be determined independently from the edited NLS-72 variable, CBIRTH. The date of AFEES determination can be acquired from the date of entry variable, ADOE. The educational attainment variable, AHYED, was determined as of the date of entry. The race variable, ARACE, came from both the Applicant and the Accession files, while the race/ethnicity variable, ARETH, came from only the Accession file. Consequently, the latter has about 840 more cases with missing information. The marital status variable from the Applicant/Accession file, AMS, was also determined as of the date of entry.

The next set of Applicant/Accession variables consists of a variety of test scores. The test form number item, AMTFN, did not exist in the Applicant file, so about 840 more cases have missing information. This item identifies the standardized test, and version of the test, used to derive mental aptitude percentiles for the Armed Forces Qualifying Test (AFQT), or equivalent, percentile variable, AAFQT. Most of the cases were assigned AFQT percentiles based on the AFQT, version 8B/AQB. The AAFQT variable was renormed and is now consistent throughout the period from 1972 to 1979. The sixteen Armed Services Vocational Aptitude Battery (ASVAB) area scores can range in value from 1 to 180. They do not exist for the 840 applicants who did not enlist; tests 11 to 16 do not exist for those who enlisted prior

to 1976. Each score measures a different type of aptitude. Appendix D lists the subtest areas for the various mental tests used.

The last set of Applicant/Accession variables consists of a variety of items that describe the status of an applicant or an enlistee with respect to his term of military service. The first variable in this group, ACCTYPE, identifies the matched record as one of four types: (1) the record shows only the results of the AFEES examination--an applicant record; (2) the subject enlisted into delay status--an enlistment record; (3) the subject enlisted into active duty--an accession record; and (4) the subject was discharged from the delayed entry program--an applicant record. The service of accession variable, ASOA, records the service into which the recruit entered. The prior service indicator, APS, records whether or not the enlistee had previously served in the military. The primary medical failure code, AMFC, identifies the disqualifying medical defect of an individual as determined by the AFEES medical examination. Appendix E lists the medical failure codes; a code of 1 indicates the recruit did not fail. The date of entry, ADOE, shows the date of enlistment for cases from the Accession files and the date of determination for cases from the Applicant files. The term of enlistment variable, ATERM, is recorded in years, and four years is the most common contractual term. Pay grade at entry, APG, is the rank given to the recruit at enlistment; not all start at the bottom (E-1). A zero indicates a missing pay grade for enlisted personnel. The variables describing participation in the delayed entry program,

date of entry (ADOEDEP) and months in program (AMDEP), are available only for those who entered after 1975, and cases who participated after 1975 occur infrequently in the data file.

Master File Data The Master file variables include the date and type of enlistment, the term of service, the current occupation and duties, the current pay grade, and current family status (as of at the time the file was updated). Each set of variables from the Master file is available for each year from 1972 to 1979, and represent the last reported status as of the end of the year. The year in each case is not a calendar year, but runs from July 1 of the prior year to June 30 of the present year. This means, for example, that the 1972 Master file data cover events from July 1971 to June 1972, and the 1979 Master file data cover events from July 1978 to June 1979.

The names of the variables from the Master file follow a convention to identify the source year for each variable: Mnaaaa, where M indicates the source of the data in the Master file, n is a digit from 2 to 9 and indicates data from the Master file for 1972 to 1979, and aaaa is the alphabetic acronym for a variable that contains the same information for each year's Master file record.

Updating on an annual, rather than quarterly basis has the consequence that some promotions of E-1 to E-2 or E-2 to E-3 may be missed, and the annual record may apparently show a person skipping a grade and going directly from E-1 to E-3 or E-2 to E-4. The promotion to E-2 occurs at the end of basic training, while the promotion to E-3 is usually at the end of the specialized training that follows basic training (which may vary

in length). In cases where a grade is apparently skipped, the time in grade can be used to count backwards from June of the file year and impute a missing promotion date.

The first variables in the Master file group relate to the dates and type of enlistment. The basic active service date, MnBASD, indicates the start of the service member's active duty. It is sometimes adjusted later to reflect breaks in service and therefore may not remain constant over a person's military career. The pay entry base date, MnPEBD, indicates the start of service for pay purposes. If the service member participated in the delayed entry program or the reserves, the PEBD can be subtracted from the BASD to get the length of time the individual spent in the delayed entry program or the reserves. The date of latest enlistment or re-enlistment, MnDOLE, reflects the first day of the current term of enlistment and is supposed to change, though the change is not always recorded here, when re-enlistment occurs. When the Applicant/Accession DOLE differs from the Master file DOLE, the Master file item is probably more accurate. The source of original procurement variable, MnSOP, distinguishes voluntary enlistment from involuntary induction or reserve recall for enlisted personnel. For officer personnel, MnSOP provides a variety of sources. The code numbers of the officer and enlisted personnel categories overlap, so this variable must be used in conjunction with an officer/enlisted distinction (contained in the pay grade item). The service variable, MnSVC, identifies enlistment into the Army, Navy, Marine Corps, or Air Force. This can change with re-enlistment. The service component, MnCOMP,

identifies whether the military service is regular, temporary, reserve, or national guard in each year.

The next variables of the Master file group describe the term of military service. Months in service is given in the total active Federal military service variable, MnTAFMS, computed from date of entry to the time of the file creation (for censored cases) or separation from service (for completed cases). Persons serving in the military sign up for specific contractual periods of service, as identified in ATERM. Their expected date at which they complete their tour of active duty is reported in the estimated time of separation variable, MnETS. This variable shows the original date until a change is entered. The ETS could increase if the service member gets extra training and promises to give extended service in return. It could decrease if the service member switches to a reserve, rather than an active duty option. As long as the interservice separation code (discussed below) shows that the contractual term of duty was met, a date of actual separation prior to the estimated time of separation does not indicate a problem of attrition. A very similar variable, date of separation (MnDOS), is used to store a "soft" version of the estimated time of separation, reflecting an extension before it is entered into.

The next set of Master file variables consists of a description of current duties and pay grade. The Department of Defense (DoD) primary occupation code, MnDPOC, is valid across the services. Coding for this variable is taken from DoD publications 1312.1-E and 1312.0 "Occupational Conversion Table," a summary table from which is reproduced as Appendix G.* The

primary occupation code indicates the occupation for which the service member has been trained or the most significant skill held by the individual. The duty occupation code, MnDDOC, is also valid across services and coded to DoD standards as reproduced in Appendix G. The duty occupation code reflects the occupation in which the service member is actually working. The pay grade reported in the data file, MnPG, reflects the service member's pay grade as of the date of the file or the date of separation. Grade 0 indicates an unknown pay grade; grades 1 to 9 are enlisted pay grades E-1 to E-9; grades 11 to 14 are warrant officer pay grades W-1 to W-4; and grades 21 to 31 are officer grades O-1 to O-11. The date of current paygrade variable, MnDCPG, indicates the date at which the service member started drawing pay at the current pay grade, and can be used as a date of promotion. The time in grade variable, MnTIG, shows the number of months the service member has served in the current pay grade, counting back from the as-of date of the master file to the date of current paygrade.

The last set of Master file variables describe the current marital and family status of the service member. The marital status variable, MnMS, has a simplified coding: all varieties of non-married people--single, divorced, separated, and widowed--are

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*The coding for the officer occupations has been modified to eliminate alphabetic codes. For officers the DoD code is a number followed by a letter. On this file the number is multiplied by 100 and the letter is converted to its numeric equivalent (A=1, B=2, etc.) and added to the number. For example, 4L would be encoded as 412, and 2D would be encoded as 204. This procedure unfortunately resulted in the same number occasionally standing for two different occupations. See Appendix F.

grouped together and distinguished from the married service members. The number of dependents variable, MnDEPS, counts only spouses and children and excludes the service member.

Loss File Data The Loss file variables include much of the same types of information as can be found in the Master file variables, including the date and type of enlistment, the term of service, the current occupation and duties, the current pay grade, and current family status. These variables follow the same format and contain the same information as the Master files (except the time reference is different), so their description need not be repeated. The Loss files also include the reason for separation and eligibility for re-enlistment, which are determined at the time of separation from military service. When a service member completes a term of service, a separation occurs and a loss file record is made, even if re-enlistment occurs, so there may be multiple losses for any given individual. Two sets of Loss file variables are available, one for the most recent separation from service and the other for the prior separation from service, if present. Each of the variables in the two loss files represent current status as of the date the separation occurs.

The names of the variables from the Loss file follow a convention to identify the source for each variable: Lnaaaa, where L indicates the source of the data in the Loss file records, n is a digit from 1 to 2 and indicates data from the most recent loss or the second most recent loss, and aaaa is the alphabetic acronym for a variable that contains the same

information for each loss file record. The Loss file omits five variables contained in the Master files: pay entry base date (PEBD), source of procurement (SOP), service (SVC), service component (COMP), and estimated time of separation (ETS).

Besides the variables that are the same as those from the Master file records, the Loss files also include the reason for separation and eligibility for re-enlistment. Two Loss file variables indicate the reason for leaving the service: the interservice separation code (LnISC) and the separation program designator (LnSPD). Codes for the ISC are presented in Appendix H. Codes for the SPD are composed of two standard DoD data elements: SE-LA, "Separation Type, Military" and SE-LC, "Separation Reason, Military." The codes include alphanumeric characters; the first of the three characters are the SE-LA codes and the second and third characters are the SE-LC codes. The DMDC documents recommend using interservice separation codes, unless they are missing, in which case the separation program designator can be used. The re-enlistment eligibility variable, LnRE, records whether or not someone who leaves military service is eligible to re-enlist, based on their service record.

3.3 Editing the NLS-72 Survey Data on Military Service

The Rand Corporation has been an active user of the NLS-72 survey data. In the course of one of their projects, some Rand staff members decided to create a set of indicator variables to identify those NLS-72 sample members on active duty in the armed forces in October of each year from 1972 to 1979 that would be consistent with composite service entry and separation dates

created from items on the NLS-72 follow-up surveys. The Rand staff, as a professional courtesy, shared with CES the procedures they followed to edit the data; the author of this data file user's manual translated their tentative editing ideas and specifications into a SAS program to accomplish the same purposes. The CES version incorporates various editing decisions that Rand staff and others might make differently, so no responsibility on the part of the Rand Corporation for the coding of these variables should be inferred. A copy of this SAS program would be too long to include as an appendix, so it is available upon request from the author.

The edited NLS-72 follow-up military variables include some of the same types of information as can be found in the DMDC military records, including the date of enlistment, the branch of service, the date of separation, the current military status in each October or follow-up survey, and a few other indicators. These measures are available whether or not the NLS-72 respondents accurately reported their social security numbers, though there could be some inaccuracy in the self-reports.

The first set of NLS-72 edited military variables provide general information such as composite birth date, CBIRTH; the index of the last year for which information is available due to sample attrition, INDEX; an indicator of whether or not the sample member ever served in the military, MIL; and indicator of whether or not the sample member was drafted, DRAFT; and an indicator of whether or not the sample member served as an officer, OFFICR.

The next set of edited NLS-72 military variables provide the

sample member's status with respect to the military for each year or follow-up. One set of such variables, SERV2 to SERV9, indicates whether or not the sample member served on active duty in October of each year from 1972 to 1979. The source of this information was a reconciliation of the activity state items in each year with the dates of entry to and exit from active duty in the military. The other set of such variables, RES1 to RES4, indicates whether or not the sample member served on reserve duty in October of each year in which a follow-up survey was conducted: 1974, 1974, 1976, and 1979. Insufficient data were available to provide such indicators for other years.

The final set of edited NLS-72 military variables consist of items that describe the term and branch of service. The variable named BRANCH provides the branch of service in which the sample member served. The variable named ENTDAT provides the self-reported date of entry to active military service, to the nearest month, while the variable named SEPDAT provides the self-reported date of separation from active military service. The entry and exit dates could each have been reported on several different occasions; the editing procedure was designed to accept the reported dates that were the most internally consistent with the other available indicators of military service.

3.4 Construction of Event Histories from Annual Reports

The DMDC data in this file are arranged in annual reports, with censored data for incompleted terms of service. "Censored," in the terminology of event history analysis, means that it occurred after each Master file as-of date or the last edited

NLS-72 military follow-up survey return date, and was therefore unknown at the time; the date was censored by a "premature" time of data collection. For most analytic purposes, one would want to analyze the longest possible term of military service. One would want the date of entry and the date of separation for all completed terms of duty (or the last known date in service for all terms of service for which the date of separation was not observed). Any intermediate, incomplete as-of dates are of little analytic interest.

The main problem, from the point of view of editing the data for analytic use, is to reconcile obsolete or inconsistent responses from different years. There could be, for example, up to eleven different reports of the date of enlistment--one from the Applicant/Accession data, eight from the Master file data, and two from the Loss file data. The date may be missing in some of these eleven locations, because the service member may not yet have enlisted; in others the date may have changed to reflect ongoing adjustments in the term of service. The dates of promotion, for example, may occur in as many locations, with more adjustments needed--one for each pay grade. This editing process requires careful programming, and occasionally, a printout of all the relevant dates of events for hand coding, because the many different events and reports in different locations can often provide a context which provides the basis for good decisions about which of a set of partially inconsistent dates to believe, following rules that are difficult to program in advance.

In the course of the Mathematica research contract, data

editing of this kind was done for the DMDC data on the first term of enlistment. The resulting, "clean" dates of entry and separation from service compare quite favorably with the reports from the edited NLS-72 follow-up survey data. For those male respondents for whom both the edited NLS-72 follow-up survey item on date of entry to active duty and the edited DMDC administrative record report on date of entry to active duty were available, the correlation between the two measures was .97, indicating a high degree of reliability of the NLS-72 entry date. For those male respondents for whom both the edited NLS-72 follow-up survey item on date of exit from active duty and the edited DMDC administrative record report on the final date of exit from active duty (for those that served only one term) were available, the correlation between the two measures was also .97, again indicating a high degree of reliability of the NLS-72 entry date. These correlations would lead to the conclusion that the dates of service of members of the armed forces are of such significance to their careers that the NLS-72 respondents are unlikely to misreport them.

3.5 Guide to Machine-Readable Files and the Codebook

The NLS-72/DMDC military records data consists of five related data files. These files are:

(1) Military records data file in standard EBCDIC characters, including the student identification number, match flags, variables taken from the Applicant/Accession files (edited into a common format), a longitudinally-assembled set of variables from the edited Master files for the years 1972 to 1979, selected variables from the Loss files for up to two separations from military service, and a few edited variables from the military service section of the NLS-72 follow-up surveys

(2) The same military records data file as the first file except in SAS system file form (using SAS date values for all dates and standard SAS missing values), including the student identification number, match flags, variables taken from the Applicant/Accession files (edited into a common format), a longitudinally-assembled set of variables from the edited Master files for the years 1972 to 1979, selected variables from the Loss files for up to two separations from military service, and a few edited variables from the military service section of the NLS-72 follow-up surveys

(3) A machine-readable version of this codebook
(4) SPSS control cards for creating an SPSS system file from the EBCDIC data in the first file

Technical specifications on the tape density, number of tracks, record length, block size, tape label, and data set names are provided with the tape.

The codebook provides a comprehensive description of the NLS-72/DMDC military records data file. The data file consists of 11,222 records for male NLS-72 respondents only. For each variable on the tape the codebook provides the following information, referenced in Figures 2 and 3 by the number in parentheses following each item:

--the original source from which the data item was derived (1)

--the tape position of the variable (2)

--the variable format (3)

--the SAS (or SPSS) variable name (4)

--the SAS (or SPSS) variable label (5)

--for categorical variables, the response categories and category values (6). For continuous variables, the percentile distribution values for the maximum, the third quartile, the median, the first quartile, and the minimum (6)

--for categorical variables, data codes for all response categories (7). For continuous variables, values of

five points on the percentile distribution (7)

--for categorical variables, unweighted frequency counts (8). For continuous variables, frequency counts for missing cases (8)

--unweighted, unadjusted percentage frequencies for categorical variables, excluding the missing cases (9)

--missing value codes. On the SAS system file, these are converted to the standard SAS missing value, a period. (10)

Figure 2: Categorical Variables

(1) 1972 MASTER RECORD (2) TAPE POS. 126-126
(3) FORMAT: F1.

(4) M2SVC = (5) SERVICE CODE

(6) RESPONSE	(7) VALUE	(8) FREQ	(9) PERCENT
Army	1	66	41.0%
Navy	2	42	26.1%
Marine Corps	3	27	16.8%
Air Force	4	26	16.1%
MISSING	9	11061	
TOTALS:		11222	100.0%

Figure 3: Continuous Variables

(1) 1972 MASTER RECORD

(2) TAPE POS. 109-114
(3) FORMAT: 3F2.0

(4) M2BASD = (5) BASIC ACTIVE SERVICE DATE

(6) PERCENTILE DISTRIBUTION	(8) FREQ	(7) SAS VALUE	(7) EBCDIC VALUE MONTH	DAY	YEAR
MAXIMUM		30JUN72	6	30	72
3RD QUARTILE		10JUN72	6	10	72
MEDIAN		10APR72	4	10	72
1ST QUARTILE		08MAR72	3	8	72
MINIMUM		30JUL69	7	30	69
(10) MISSING	11061	.	99	99	99
TOTALS:	11222				

NOTE: This item is stored as a single SAS date value (with format DATE7.) in the SAS system file. It is stored as three sub-items, month, day, and year (with format 3F2.0), in the EBCDIC character file. This user's manual displays the quartile distribution of the continuous date values of this variable.

Source of data item (Item 1 in Figures 2 and 3): The sources include identification codes, match flags, applicant/accession data, master file data from 1972 to 1979, loss file data for the most recent loss and the next most recent loss, and edited NLS-72 survey data.

Tape position (Item 2 in Figures 2 and 3): This item gives the starting and ending tape position for each variable on the data tape.

Variable format (Item 3 in Figures 2 and 3): This item indicates the type of variable, numeric or alphabetical, and its width.

SAS (SPSS) variable name (Item 4 in Figures 2 and 3): Each variable on the data tape is identified by a unique SAS (SPSS)

variable name. Data flags and edited variables are given mnemonics that help identify them. For example, SCHCODE for "school identification code" and ACCFLAG for "applicant/accession data availability flag." The user should be careful always to refer the variable by its SAS (SPSS) variable name in any computing procedures.

SAS (SPSS) variable label (Item 5 in Figures 2 and 3): A short variable label appears after the variable name. This label is the same as that which appears on the SAS system file and on the SPSS data definition cards included on the tape.

The response categories (Item 6 in Figure 2): For categorical variables this provides the descriptive labels for the categories.

The percentile distributions (Item 6 in Figure 3): For continuous variables, this item provides the percentile distribution values for the maximum, the third quartile, the median, the first quartile, and the minimum. Response codes (Item 7 in Figures 2 and 3): This item provides the actual numerical codes that appear on the data tape in the tape position specified, except for continuous variables where the actual values that appear on the tape, but are shown in summary distribution form in this codebook. Item 7 in Figure 3 presents the numerical values of five points on the percentile distribution. These values may have been interpolated, and therefore may not exist for any case in the data file. Frequency counts (Item 8 in Figures 2 and 3): This item shows the unweighted frequency counts for categorical variables. It

should be noted that the frequency counts sum to 11,222, the number of male NLS-72 sample members. Since the frequency counts between the points of the quartile distribution were always approximately the same, they were not tabulated for continuous variables in this codebook.

Unweighted percentage frequencies (Item 9 in Figure 2): This column displays the frequency counts of Item 8 as percentages. All records that were processed are included. Since the percentages between the points of the quartile distribution were always approximately 25 percent, they were not tabulated for continuous variables in this codebook.

Missing values codes (Item 10 in Figures 2 and 3): The missing values are either 9, 99, or 999, depending upon the width of the data field.

CODEBOOK

IDENTIFICATION NUMBER — TAPE POS. 1-5 — FORMAT: F5.

RTI_ID = RTI STUDENT ID NUMBER

RESPONSE	VALUE	FREQ	PERCENT
(1-89,996)		11222	100.0%
TOTALS:		11222	100.0%

IDENTIFICATION NUMBER — TAPE POS. 6-9 — FORMAT: F4.

SCHCODE = SCHOOL CODE

RESPONSE	VALUE	FREQ	PERCENT
(4-9996)		11222	100.0%
TOTALS:		11222	100.0%

IDENTIFICATION NUMBER — TAPE POS. 10-12 — FORMAT: F3.

FINSTNO = FINAL STRATUM NUMBER

RESPONSE	VALUE	FREQ	PERCENT
(1-608)		11222	100.0%
TOTALS:		11222	100.0%

MATCH FLAG — TAPE POS. 13-13 — FORMAT: F1.

ACCFLAG = ACCESSION RECORD MATCH FLAG

RESPONSE	VALUE	FREQ	PERCENT
No Match	0	8884	79.2%
SSN Only Match	1	107	1.0%
SSN & Birthyr Match	2	2231	19.9%
TOTALS:		11222	100.0%

MATCH FLAG — TAPE POS. 14-14 — FORMAT: F1.

MSTFLAG2 = MASTER 1972 RECORD MATCH FLAG

RESPONSE	VALUE	FREQ	PERCENT
No Match	0	11061	98.6%
SSN Only Match	1	15	0.1%
SSN & Birthyr Match	2	146	1.3%
TOTALS:		11222	100.0%

MATCH FLAG — TAPE POS. 15-15 — FORMAT: F1.

MSTFLAG3 = MASTER 1973 RECORD MATCH FLAG

RESPONSE	VALUE	FREQ	PERCENT
No Match	0	10339	92.1%
SSN Only Match	1	24	0.2%
SSN & Birthyr Match	2	859	7.7%
TOTALS:		11222	100.0%

MATCH FLAG — TAPE POS. 16-16 — FORMAT: F1.

MSTFLAG4 = MASTER 1974 RECORD MATCH FLAG

RESPONSE	VALUE	FREQ	PERCENT
No Match	0	10227	91.1%
SSN Only Match	1	30	0.3%
SSN & Birthyr Match	2	965	8.6%
TOTALS:		11222	100.0%

MATCH FLAG — TAPE POS. 17-17 — FORMAT: F1.

MSTFLAG5 = MASTER 1975 RECORD MATCH FLAG

RESPONSE	VALUE	FREQ	PERCENT
No Match	0	10250	91.3%
SSN Only Match	1	31	0.3%
SSN & Birthyr Match	2	941	8.4%
TOTALS:		11222	100.0%

MATCH FLAG — TAPE POS. 18-18 — FORMAT: F1.

MSTFLAG6 = MASTER 1976 RECORD MATCH FLAG

RESPONSE	VALUE	FREQ	PERCENT
No Match	0	10395	92.6%
SSN Only Match	1	23	0.2%
SSN & Birthyr Match	2	804	7.2%
TOTALS:		11222	100.0%

MATCH FLAG — TAPE POS. 19-19 — FORMAT: F1.

MSTFLAG7 = MASTER 1977 RECORD MATCH FLAG

RESPONSE	VALUE	FREQ	PERCENT
No Match	0	10537	93.9%
SSN Only Match	1	23	0.2%
SSN & Birthyr Match	2	662	5.9%
TOTALS:		11222	100.0%

MATCH FLAG — TAPE POS. 20-20
FORMAT: F1.

MSTFLAG8 = MASTER 1978 RECORD MATCH FLAG

RESPONSE	VALUE	FREQ	PERCENT
No Match	0	10614	94.6%
SSN Only Match	1	23	0.2%
SSN & Birthyr Match	2	585	5.2%
TOTALS:		11222	100.0%

MATCH FLAG — TAPE POS. 21-21
FORMAT: F1.

MSTFLAG9 = MASTER 1979 RECORD MATCH FLAG

RESPONSE	VALUE	FREQ	PERCENT
No Match	0	10693	95.3%
SSN Only Match	1	12	0.1%
SSN & Birthyr Match	2	517	4.6%
TOTALS:		11222	100.0%

MATCH FLAG — TAPE POS. 22-22
FORMAT: F1.

LOSFLAG1 = MOST RECENT LOSS RECORD MATCH FLAG

RESPONSE	VALUE	FREQ	PERCENT
No Match	0	9766	87.0%
SSN Only Match	1	60	0.5%
SSN & Birthyr Match	2	1396	12.4%
TOTALS:		11222	100.0%

MATCH FLAG — TAPE POS. 23-23
FORMAT: F1.

LOSFLAG2 = NEXT MOST RECENT LOSS RECORD MATCH FLAG

RESPONSE	VALUE	FREQ	PERCENT
No Match	0	11057	98.5%
SSN Only Match	1	8	0.1%
SSN & Birthyr Match	2	157	1.4%
TOTALS:		11222	100.0%

MATCH FLAG — TAPE POS. 24-24
FORMAT: F1.

MSMATCHN = NAME MISMATCH FLAG

RESPONSE	VALUE	FREQ	PERCENT
	0	2441	98.5%
	1	36	1.5%
MISSING	9	8745	
TOTALS:		11222	100.0%

APPLICANT/ACCESSION RECORD — TAPE POS. 25-26
FORMAT: F2.

AAFEES = AFEES STATION

RESPONSE	VALUE	FREQ	PERCENT
(1-78)		1502	100.0%
MISSING	99	9720	
TOTALS:		11222	100.0%

NOTE: This item is stored as a categorical variable with a large number of categories. Values were temporarily collapsed for display in this user's manual.

APPLICANT/ACCESSION RECORD — TAPE POS. 27-28
FORMAT: F2.

ACR = CENSUS REGION, HOR

RESPONSE	VALUE	FREQ	PERCENT
New England	1	105	4.5%
Middle Atlantic	2	295	12.6%
East North Central	3	385	16.5%
West North Central	4	169	7.2%
South Atlantic	5	431	18.4%
East South Central	6	199	8.5%
West South Central	7	328	14.0%
Mountain	8	108	4.6%
Pacific	9	317	13.6%
Other	10	1	0.0%
MISSING	99	8884	
TOTALS:		11222	100.0%

APPLICANT/ACCESSION RECORD — TAPE POS. 29-31
FORMAT: F3.

AZIPF = ZIP CODE-1ST THREE DIGITS, HOR

RESPONSE	VALUE	FREQ	PERCENT
(0-999)		1704	100.0%
MISSING	999	9518	
TOTALS:		11222	100.0%

NOTE: This item is stored as a categorical variable with a large number of categories. Values were temporarily collapsed for display in this user's manual.

APPLICANT/ACCESSION RECORD — TAPE POS. 32-33
FORMAT: F2.

ASTATE = STATE OF RESIDENCE, HOR

RESPONSE	VALUE	FREQ	PERCENT
(1-56)		1502	100.0%
MISSING	99	9720	
TOTALS:		11222	100.0%

NOTE: This item is stored as a categorical variable with a large number of categories. Values were temporarily collapsed for display in this user's manual.

APPLICANT/ACCESSION RECORD — TAPE POS. 34-35 — FORMAT: F2.

ADOBYR = YEAR OF BIRTH

RESPONSE	VALUE	FREQ	PERCENT
	46	1	0.0%
	50	6	0.3%
	51	19	0.8%
	52	190	8.1%
	53	790	33.8%
	54	1260	53.9%
	55	46	2.0%
	56	13	0.6%
	57	6	0.3%
	58	3	0.1%
	59	3	0.1%
	60	1	0.0%
MISSING	99	8884	
TOTALS:		11222	100.0%

APPLICANT/ACCESSION RECORD — TAPE POS. 36-37 — FORMAT: F2.

AAAE = AGE AT ENTRY

RESPONSE	VALUE	FREQ	PERCENT
	17	109	7.3%
	18	525	35.0%
	19	365	24.3%
	20	219	14.6%
	21	110	7.3%
	22	86	5.7%
	23	40	2.7%
	24	26	1.7%
	25	15	1.0%
	26	6	0.4%
	27	1	0.1%
MISSING	99	9720	
TOTALS:		11222	100.0%

APPLICANT/ACCESSION RECORD — TAPE POS. 38-39 — FORMAT: F2.

AHYED = HIGHEST YEAR OF EDUCATION

RESPONSE	VALUE	FREQ	PERCENT
1 Year Hi School	3	3	0.1%
2 Years Hi School	4	16	0.7%
No Hi Schl Diploma	5	230	9.8%
High Schl Diploma	6	1834	78.5%
1 Year College	7	106	4.5%
2 Years College	8	57	2.4%
No College Degree	9	32	1.4%
College Degree	10	45	1.9%
Doctors or equiv	12	1	0.0%
High Schl GED	13	12	0.5%
MISSING	99	8886	
TOTALS:		11222	100.0%

APPLICANT/ACCESSION RECORD — TAPE POS. 40-40 — FORMAT: F1.

ARACE = RACE

RESPONSE	VALUE	FREQ	PERCENT
White	1	1770	75.8%
Black	2	525	22.5%
Other	3	41	1.8%
MISSING	9	8886	
TOTALS:		11222	100.0%

APPLICANT/ACCESSION RECORD — TAPE POS. 41-41 — FORMAT: F1.

ARETH = RACE-ETHNICITY

RESPONSE	VALUE	FREQ	PERCENT
	0	15	1.0%
White Non-Spanish	1	1069	71.2%
White, Span surname	2	58	3.9%
Black	3	346	23.0%
Other	4	14	0.9%
MISSING	9	9720	
TOTALS:		11222	100.0%

APPLICANT/ACCESSION RECORD — TAPE POS. 42-42 — FORMAT: F1.

AMS = MARITAL STATUS

RESPONSE	VALUE	FREQ	PERCENT
Not Married	1	2035	89.2%
Married	2	247	10.8%
MISSING	9	8940	
TOTALS:		11222	100.0%

APPLICANT/ACCESSION RECORD — TAPE POS. 43-44 — FORMAT: F2.

AMTFN = MENTAL TEST FORM NUMBER

RESPONSE	VALUE	FREQ	PERCENT
ASVAB	4	12	0.8%
AFWST/5	5	3	0.2%
AFWST/6	6	1	0.1%
AFQT 7C	9	2	0.1%
AFQT 8B/AQB	11	1131	76.3%
SBTB	13	142	9.6%
BTB6	19	4	0.3%
BTB7	20	4	0.3%
BTB8	21	5	0.3%
BTB-R1	22	2	0.1%
ACB73	23	13	0.9%
ACT	24	5	0.3%
ASVAB1	31	1	0.1%
ASVAB2	32	1	0.1%
ASVAB3	33	16	1.1%
ASVAB4	34	5	0.3%
ASVAB6	36	76	5.1%
ASVAB7	37	59	4.0%
MISSING	99	9740	
TOTALS:		11222	100.0%

APPLICANT/ACCESSION RECORD — TAPE POS. 45-46 — FORMAT: F2.

AAFQT = AFQT PERCENTILE

PERCENTILE DISTRIBUTION	VALUE	FREQ
MAXIMUM	99	
3RD QUARTILE	74	
MEDIAN	54	
1ST QUARTILE	33	
MINIMUM	1	
MISSING	99	9007
TOTALS:		11222

NOTE: This item is stored as a continuous variable in the data file. This user's manual displays the quartile distribution of the continuous values of this variable.

APPLICANT/ACCESSION RECORD — TAPE POS. 47-49 — FORMAT: F3.

AASVAB1 = ASVAB TEST SCORE 1

PERCENTILE DISTRIBUTION	VALUE	FREQ
MAXIMUM	151	
3RD QUARTILE	99	
MEDIAN	80	
1ST QUARTILE	50	
MINIMUM	3	
MISSING	999	10081
TOTALS:		11222

NOTE: This item is stored as a continuous variable in the data file. This user's manual displays the quartile distribution of the continuous values of this variable.

APPLICANT/ACCESSION RECORD — TAPE POS. 50-52 — FORMAT: F3.

AASVAB2 = ASVAB TEST SCORE 2

PERCENTILE DISTRIBUTION	VALUE	FREQ
MAXIMUM	138	
3RD QUARTILE	100	
MEDIAN	75	
1ST QUARTILE	45	
MINIMUM	1	
MISSING	999	10081
TOTALS:		11222

NOTE: This item is stored as a continuous variable in the data file. This user's manual displays the quartile distribution of the continuous values of this variable.

APPLICANT/ACCESSION RECORD — TAPE POS. 53-55 — FORMAT: F3.

AASVAB3 = ASVAB TEST SCORE 3

PERCENTILE DISTRIBUTION	VALUE	FREQ
MAXIMUM	148	
3RD QUARTILE	103	
MEDIAN	80	
1ST QUARTILE	50	
MINIMUM	4	
MISSING	999	10048
TOTALS:		11222

NOTE: This item is stored as a continuous variable in the data file. This user's manual displays the quartile distribution of the continuous values of this variable.

APPLICANT/ACCESSION RECORD — TAPE POS. 56-58 — FORMAT: F3.

AASVAB4 = ASVAB TEST SCORE 4

PERCENTILE DISTRIBUTION	VALUE	FREQ
MAXIMUM	143	
3RD QUARTILE	90	
MEDIAN	65	
1ST QUARTILE	40	
MINIMUM	5	
MISSING	999	10481
TOTALS:		11222

NOTE: This item is stored as a continuous variable in the data file. This user's manual displays the quartile distribution of the continuous values of this variable.

APPLICANT/ACCESSION RECORD — TAPE POS. 59-61, FORMAT: F3.

AASVAB5 = ASVAB TEST SCORE 5

PERCENTILE DISTRIBUTION	VALUE	FREQ
MAXIMUM	151	
3RD QUARTILE	110	
MEDIAN	96	
1ST QUARTILE	77	
MINIMUM	4	
MISSING	999	10500
TOTALS:		11222

NOTE: This item is stored as a continuous variable in the data file. This user's manual displays the quartile distribution of the continuous values of this variable.

APPLICANT/ACCESSION RECORD — TAPE POS. 62-64, FORMAT: F3.

AASVAB6 = ASVAB TEST SCORE 6

PERCENTILE DISTRIBUTION	VALUE	FREQ
MAXIMUM	160	
3RD QUARTILE	109	
MEDIAN	96	
1ST QUARTILE	74	
MINIMUM	3	
MISSING	999	10503
TOTALS:		11222

NOTE: This item is stored as a continuous variable in the data file. This user's manual displays the quartile distribution of the continuous values of this variable.

APPLICANT/ACCESSION RECORD — TAPE POS. 65-67, FORMAT: F3.

AASVAB7 = ASVAB TEST SCORE 7

PERCENTILE DISTRIBUTION	VALUE	FREQ
MAXIMUM	155	
3RD QUARTILE	112	
MEDIAN	101	
1ST QUARTILE	86	
MINIMUM	2	
MISSING	999	10505
TOTALS:		11222

NOTE: This item is stored as a continuous variable in the data file. This user's manual displays the quartile distribution of the continuous values of this variable.

APPLICANT/ACCESSION RECORD — TAPE POS. 68-70, FORMAT: F3.

AASVAB8 = ASVAB TEST SCORE 8

PERCENTILE DISTRIBUTION	VALUE	FREQ
MAXIMUM	142	
3RD QUARTILE	107	
MEDIAN	85	
1ST QUARTILE	23	
MINIMUM	11	
MISSING	999	10864
TOTALS:		11222

NOTE: This item is stored as a continuous variable in the data file. This user's manual displays the quartile distribution of the continuous values of this variable.

APPLICANT/ACCESSION RECORD — TAPE POS. 71-73, FORMAT: F3.

AASVAB9 = ASVAB TEST SCORE 9

PERCENTILE DISTRIBUTION	VALUE	FREQ
MAXIMUM	160	
3RD QUARTILE	112	
MEDIAN	98	
1ST QUARTILE	80	
MINIMUM	3	
MISSING	999	10506
TOTALS:		11222

NOTE: This item is stored as a continuous variable in the data file. This user's manual displays the quartile distribution of the continuous values of this variable.

APPLICANT/ACCESSION RECORD — TAPE POS. 74-76, FORMAT: F3.

AASVAB10 = ASVAB TEST SCORE 10

PERCENTILE DISTRIBUTION	VALUE	FREQ
MAXIMUM	142	
3RD QUARTILE	105	
MEDIAN	90	
1ST QUARTILE	14	
MINIMUM	3	
MISSING	999	10871
TOTALS:		11222

NOTE: This item is stored as a continuous variable in the data file. This user's manual displays the quartile distribution of the continuous values of this variable.

APPLICANT/ACCESSION RECORD — TAPE POS. 77-78
FORMAT: F2.

AASVAB11 = ASVAB TEST SCORE 11

PERCENTILE DISTRIBUTION	VALUE	FREQ
MAXIMUM	56	
3RD QUARTILE	17	
MEDIAN	15	
1ST QUARTILE	12	
MINIMUM	3	
MISSING	99	11086
TOTALS:		11222

NOTE: This item is stored as a continuous variable in the data file. This user's manual displays the quartile distribution of the continuous values of this variable.

APPLICANT/ACCESSION RECORD — TAPE POS. 79-80
FORMAT: F2.

AASVAB12 = ASVAB TEST SCORE 12

PERCENTILE DISTRIBUTION	VALUE	FREQ
MAXIMUM	53	
3RD QUARTILE	17	
MEDIAN	13	
1ST QUARTILE	10	
MINIMUM	2	
MISSING	99	11086
TOTALS:		11222

NOTE: This item is stored as a continuous variable in the data file. This user's manual displays the quartile distribution of the continuous values of this variable.

APPLICANT/ACCESSION RECORD — TAPE POS. 81-82
FORMAT: F2.

AASVAB13 = ASVAB TEST SCORE 13

PERCENTILE DISTRIBUTION	VALUE	FREQ
MAXIMUM	22	
3RD QUARTILE	15	
MEDIAN	12	
1ST QUARTILE	8	
MINIMUM	2	
MISSING	99	11087
TOTALS:		11222

NOTE: This item is stored as a continuous variable in the data file. This user's manual displays the quartile distribution of the continuous values of this variable.

APPLICANT/ACCESSION RECORD — TAPE POS. 83-84
FORMAT: F2.

AASVAB14 = ASVAB TEST SCORE 14

PERCENTILE DISTRIBUTION	VALUE	FREQ
MAXIMUM	19	
3RD QUARTILE	14	
MEDIAN	11	
1ST QUARTILE	10	
MINIMUM	4	
MISSING	99	11087
TOTALS:		11222

NOTE: This item is stored as a continuous variable in the data file. This user's manual displays the quartile distribution of the continuous values of this variable.

APPLICANT/ACCESSION RECORD — TAPE POS. 85-86
FORMAT: F2.

AASVAB15 = ASVAB TEST SCORE 15

PERCENTILE DISTRIBUTION	VALUE	FREQ
MAXIMUM	20	
3RD QUARTILE	13	
MEDIAN	10	
1ST QUARTILE	6	
MINIMUM	3	
MISSING	99	11087
TOTALS:		11222

NOTE: This item is stored as a continuous variable in the data file. This user's manual displays the quartile distribution of the continuous values of this variable.

APPLICANT/ACCESSION RECORD — TAPE POS. 87-88
FORMAT: F2.

AASVAB16 = ASVAB TEST SCORE 16

PERCENTILE DISTRIBUTION	VALUE	FREQ
MAXIMUM	25	
3RD QUARTILE	20	
MEDIAN	17	
1ST QUARTILE	15	
MINIMUM	6	
MISSING	99	11087
TOTALS:		11222

NOTE: This item is stored as a continuous variable in the data file. This user's manual displays the quartile distribution of the continuous values of this variable.

APPLICANT/ACCESSION RECORD — TAPE POS. 89-89, FORMAT: F1.

ACCTYPE = ACCESSION VARIABLE TYPE

RESPONSE	VALUE	FREQ	PERCENT
	0	8884	79.2%
	1	843	7.5%
	2	11	0.1%
	3	1483	13.2%
	4	1	0.0%
TOTALS:		11222	100.0%

APPLICANT/ACCESSION RECORD — TAPE POS. 90-91, FORMAT: F2.

ASOA = SERVICE OF ACCESSION

RESPONSE	VALUE	FREQ	PERCENT
Army	1	753	32.7%
Navy	2	493	21.4%
Air Force	3	558	24.2%
Marine Corps	4	193	8.4%
Inductee-Applicant	6	265	11.5%
Army Reserve	7	13	0.6%
Navy Reserve	8	14	0.6%
Air Force Reserve	9	4	0.2%
Marine Corps Reserve	10	4	0.2%
Coast Guard	11	3	0.1%
National Guard	17	3	0.1%
Peace Corps	21	1	0.0%
MISSING	99	8918	
TOTALS:		11222	100.0%

APPLICANT/ACCESSION RECORD — TAPE POS. 92-92, FORMAT: F1.

APS = PRIOR SERVICE

RESPONSE	VALUE	FREQ	PERCENT
Non-Prior Service	1	2312	98.9%
Prior Service	2	26	1.1%
MISSING	9	8884	
TOTALS:		11222	100.0%

APPLICANT/ACCESSION RECORD — TAPE POS. 93-94, FORMAT: F2.

AMFC1 = PRIMARY MEDICAL FAILURE CODE

RESPONSE	VALUE	FREQ	PERCENT
Did Not Fail	1	1279	84.9%
Ears	22	4	0.3%
Eyes	24	2	0.1%
Ophthalmascope	25	3	0.2%
Ocular Motility	27	1	0.1%
Lungs and Chest	28	19	1.3%
Heart	29	9	0.6%
Vascular System	30	1	0.1%
Abdomen and Viscera	31	8	0.5%
Anus and Rectum	32	2	0.1%
Endocrine System	33	3	0.2%
G-U System	34	9	0.6%
Upper Extremities	35	13	0.9%
Feet	36	12	0.8%
Lower Extremities	37	21	1.4%
Spine	38	8	0.5%
Body Marks	39	1	0.1%
Skin, Lymphatics	40	12	0.8%
Neurologic	41	5	0.3%
Psychiatric	42	5	0.3%
Dental	44	5	0.3%
Urinanalysis	45	7	0.5%
Chest X-Ray	46	1	0.1%
Height	51	1	0.1%
Weight	52	36	2.4%
Blood Pressure	57	18	1.2%
Distant Vision	59	4	0.3%
Refraction	60	3	0.2%
Near Vision	61	1	0.1%
Audiometer	71	13	0.9%
Narcotic Drug Use	89	1	0.1%
MISSING	99	9715	
TOTALS:		11222	100.0%

APPLICANT/ACCESSION RECORD — TAPE POS. 95-100, FORMAT: 3F2.0

ADOE = DATE OF ENTRY

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC VALUE MONTH	DAY	YEAR
MAXIMUM		26DEC79	12	26	79
3RD QUARTILE		05FEB74	2	5	74
MEDIAN		30NOV72	11	30	72
1ST QUARTILE		08AUG72	8	8	72
MINIMUM		07JUL71	7	7	71
MISSING	9089	.	99	99	99
TOTALS:	11222				

NOTE: This item is stored as a single SAS date value (with format DATE7.) in the SAS system file. It is stored as three sub-items, month, day, and year (with format 3F2.0), in the EBCDIC character file. This user's manual displays the quartile distribution of the continuous date values of this variable.

APPLICANT/ACCESSION RECORD — TAPE POS. 101-101
FORMAT: F1.

ATERM = TERM OF ENLISTMENT

RESPONSE	VALUE	FREQ	PERCENT
2 Years	2	106	7.1%
3 Years	3	482	32.5%
4 Years	4	816	55.0%
6 Years	6	79	5.3%
MISSING	9	9739	
TOTALS:		11222	100.0%

APPLICANT/ACCESSION RECORD — TAPE POS. 102-102
FORMAT: F1.

APG = PAY GRADE

RESPONSE	VALUE	FREQ	PERCENT
E-1	1	1157	85.3%
E-2	2	60	4.4%
E-3	3	135	10.0%
E-4	4	4	0.3%
MISSING	9	9866	
TOTALS:		11222	100.0%

APPLICANT/ACCESSION RECORD — TAPE POS. 103-108
FORMAT: 3F2.0

ADOEDEP = DATE OF ENTRY TO DELAYED ENTRY PROG

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC VALUE MONTH	DAY	YEAR
MAXIMUM		01AUG79	8	1	79
3RD QUARTILE		18OCT77	10	18	77
MEDIAN		02NOV76	11	2	76
1ST QUARTILE		01JUN76	6	1	76
MINIMUM		11FEB75	2	11	75
MISSING	11097	.	99	99	99
TOTALS:	11222				

NOTE: This item is stored as a single SAS date value (with format DATE7.) in the SAS system file. It is stored as three sub-items, month, day, and year (with format 3F2.0), in the EBCDIC character file. This user's manual displays the quartile distribution of the continuous date values of this variable.

1972 MASTER RECORD — TAPE POS. 109-114
FORMAT: 3F2.0

M2BASD = BASIC ACTIVE SERVICE DATE

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC VALUE MONTH	DAY	YEAR
MAXIMUM		30JUN72	6	30	72
3RD QUARTILE		19JUN72	6	19	72
MEDIAN		10JUN72	6	10	72
1ST QUARTILE		10JUN72	6	10	72
MINIMUM		30JUL69	7	30	69
MISSING	11061	.	99	99	99
TOTALS:	11222				

NOTE: This item is stored as a single SAS date value (with format DATE7.) in the SAS system file. It is stored as three sub-items, month, day, and year (with format 3F2.0), in the EBCDIC character file. This user's manual displays the quartile distribution of the continuous date values of this variable.

1972 MASTER RECORD — TAPE POS. 115-120
FORMAT: 3F2.0

M2PEBD = PAY ENTRY BASE DATE

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC VALUE MONTH	DAY	YEAR
MAXIMUM		30JUN72	6	30	72
3RD QUARTILE		10JUN72	6	10	72
MEDIAN		10APR72	4	10	72
1ST QUARTILE		08MAR72	3	8	72
MINIMUM		30JUL69	7	30	69
MISSING	11061	.	99	99	99
TOTALS:	11222				

NOTE: This item is stored as a single SAS date value (with format DATE7.) in the SAS system file. It is stored as three sub-items, month, day, and year (with format 3F2.0), in the EBCDIC character file. This user's manual displays the quartile distribution of the continuous date values of this variable.

1972 MASTER RECORD — TAPE POS. 121-124
FORMAT: 2F2.0

M2DOLE = DATE OF LATEST ENLISTMENT

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC VALUE MONTH	YEAR
MAXIMUM		JUN72	6	72
3RD QUARTILE		JUN72	6	72
MEDIAN		JUN72	6	72
1ST QUARTILE		JUN72	6	72
MINIMUM		JUL69	7	69
MISSING	11062	.	99	99
TOTALS:	11222			

NOTE: This item is stored as a single SAS date value (with format MONYY5.) in the SAS system file. It is stored as two sub-items, month and year (with format 2F2.0), in the EBCDIC character file. An arbitrary day of the month, the 10th, was assigned in creating the date value. This user's manual displays the quartile distribution of the continuous values of this variable.

1972 MASTER RECORD — TAPE POS. 125-125
FORMAT: F1.

M2SOP = SOURCE OF ORIGINAL PROCUREMENT

RESPONSE	VALUE	FREQ	PERCENT
Voluntary Enlistment	1	157	97.5%
Induct, Res Recall	2	4	2.5%
MISSING	9	11061	
TOTALS:		11222	100.0%

1972 MASTER RECORD — TAPE POS. 126-126
FORMAT: F1.

M2SVC = SERVICE CODE

RESPONSE	VALUE	FREQ	PERCENT
Army	1	66	41.0%
Navy	2	42	26.1%
Marine Corps	3	27	16.8%
Air Force	4	26	16.1%
MISSING	9	11061	
TOTALS:		11222	100.0%

1972 MASTER RECORD — TAPE POS. 127-127
FORMAT: F1.

M2COMP = SERVICE COMPONENT

RESPONSE	VALUE	FREQ	PERCENT
Regular	1	157	97.5%
Temporary	2	2	1.2%
Reserve	3	2	1.2%
MISSING	9	11061	
TOTALS:		11222	100.0%

1972 MASTER RECORD — TAPE POS. 128-129
FORMAT: F2.

M2TAFMS = TOTAL ACTIVE FEDERAL MILIT SERVICE

PERCENTILE DISTRIBUTION	VALUE	FREQ
MAXIMUM	35	
3RD QUARTILE	1	
MEDIAN	1	
1ST QUARTILE	1	
MINIMUM	1	
MISSING	99	11061
TOTALS:		11222

NOTE: This item is stored as a continuous variable in the data file. This user's manual displays the quartile distribution of the continuous values of this variable.

1972 MASTER RECORD — TAPE POS. 130-133
FORMAT: 2F2.0

M2ETS = ESTIMATED TIME OF SEPARATION

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC VALUE MONTH	YEAR
MAXIMUM		JUN76	6	76
3RD QUARTILE		JUN76	6	76
MEDIAN		JUN75	6	75
1ST QUARTILE		JUN75	6	75
MINIMUM		MAY73	5	73
MISSING	11061	.	99	99
TOTALS:	11222			

NOTE: This item is stored as a single SAS date value (with format MONYY5.) in the SAS system file. It is stored as two sub-items, month and year (with format 2F2.0), in the EBCDIC character file. An arbitrary day of the month, the 20th, was assigned in creating the date value. This user's manual displays the quartile distribution of the continuous values of this variable.

1972 MASTER RECORD — TAPE POS. 134-139
FORMAT: 3F2.0

M2DOS = DATE OF SEPARATION

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC VALUE MONTH	DAY	YEAR
MAXIMUM		28JUN76	6	28	76
3RD QUARTILE		26JUN76	6	26	76
MEDIAN		18JUN76	6	18	76
1ST QUARTILE		13JUN76	6	13	76
MINIMUM		17JUN73	6	17	73
MISSING	11196	.	99	99	99
TOTALS:	11222				

NOTE: This item is stored as a single SAS date value (with format DATE7.) in the SAS system file. It is stored as three sub-items, month, day, and year (with format 3F2.0), in the EBCDIC character file. This user's manual displays the quartile distribution of the continuous date values of this variable.

1972 MASTER RECORD — TAPE POS. 140-142
FORMAT: F3.

M2DPOC = DOD PRIMARY OCCUPATION CODE

RESPONSE	VALUE	FREQ	PERCENT
Infantry		2	6.7%
Electronic		8	26.7%
Communications		4	13.3%
Administrative		4	13.3%
Repair		5	16.7%
Service		7	23.3%
MISSING	999	11192	
TOTALS:		11222	100.0%

NOTE: This item is stored as a categorical variable with a large number of categories. Values were temporarily collapsed for display in this user's manual.

1972 MASTER RECORD — TAPE POS. 143-145
FORMAT: F3.

M2DDOC = DOD DUTY OCCUPATION CODE

RESPONSE	VALUE	FREQ	PERCENT
Administrative		1	33.3%
Repair		1	33.3%
Service		1	33.3%
MISSING	999	11219	
TOTALS:		11222	100.0%

NOTE: This item is stored as a categorical variable with a large number of categories. Values were temporarily collapsed for display in this user's manual.

1972 MASTER RECORD — TAPE POS. 146-146
FORMAT: F1.

M2PG = PAY GRADE

RESPONSE	VALUE	FREQ	PERCENT
E-1	1	134	83.2%
E-2	2	12	7.5%
E-3	3	10	6.2%
E-4	4	5	3.1%
MISSING	9	11061	
TOTALS:		11222	100.0%

1972 MASTER RECORD — TAPE POS. 147-150
FORMAT: 2F2.0

M2DCPG = DATE OF CURRENT PAY GRADE

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC VALUE MONTH	EBCDIC VALUE YEAR
MAXIMUM		JUN72	6	72
3RD QUARTILE		JUN72	6	72
MEDIAN		JUN72	6	72
1ST QUARTILE		MAY72	5	72
MINIMUM		JUN71	6	71
MISSING	11062	.	99	99
TOTALS:	11222			

NOTE: This item is stored as a single SAS date value (with format MONYY5.) in the SAS system file. It is stored as two sub-items, month and year (with format 2F2.0), in the EBCDIC character file. An arbitrary day of the month, the 10th, was assigned in creating the date value. This user's manual displays the quartile distribution of the continuous values of this variable.

1972 MASTER RECORD — TAPE POS. 151-152
FORMAT: F2.

M2TIG = TIME IN GRADE

PERCENTILE DISTRIBUTION	VALUE	FREQ
MAXIMUM	12	
3RD QUARTILE	3	
MEDIAN	1	
1ST QUARTILE	1	
MINIMUM	1	
MISSING	99	11119
TOTALS:		11222

NOTE: This item is stored as a continuous variable in the data file. This user's manual displays the quartile distribution of the continuous values of this variable.

1972 MASTER RECORD — TAPE POS. 153-153
FORMAT: F1.

M2MS = MARITAL STATUS

RESPONSE	VALUE	FREQ	PERCENT
Not Married	1	90	96.8%
Married	2	3	3.2%
MISSING	9	11129	
TOTALS:		11222	100.0%

1972 MASTER RECORD — TAPE POS. 154-154
FORMAT: F1.

M2DEPS = NUMBER OF DEPENDENTS

RESPONSE	VALUE	FREQ	PERCENT
None	1	149	93.1%
One	2	7	4.4%
Two	3	3	1.9%
Three	4	1	0.6%
MISSING	9	11062	
TOTALS:		11222	100.0%

1973 MASTER RECORD — TAPE POS. 155-160
FORMAT: 3F2.0

M3BASD = BASIC ACTIVE SERVICE DATE

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC VALUE MONTH	DAY	YEAR
MAXIMUM		22JUN73	6	22	73
3RD QUARTILE		02JAN73	1	2	73
MEDIAN		13SEP72	9	13	72
1ST QUARTILE		13JUL72	7	13	72
MINIMUM		30JUL69	7	30	69
MISSING	10339	.	99	99	99
TOTALS:	11222				

NOTE: This item is stored as a single SAS date value (with format DATE7.) in the SAS system file. It is stored as three sub-items, month, day, and year (with format 3F2.0), in the EBCDIC character file. This user's manual displays the quartile distribution of the continuous date values of this variable.

1973 MASTER RECORD — TAPE POS. 161-166
FORMAT: 3F2.0

M3PEBD = PAY ENTRY BASE DATE

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC VALUE MONTH	DAY	YEAR
MAXIMUM		15JUN73	6	15	73
3RD QUARTILE		10NOV72	11	10	72
MEDIAN		10AUG72	8	10	72
1ST QUARTILE		30MAY72	5	30	72
MINIMUM		30JUL69	7	30	69
MISSING	10343	.	99	99	99
TOTALS:	11222				

NOTE: This item is stored as a single SAS date value (with format DATE7.) in the SAS system file. It is stored as three sub-items, month, day, and year (with format 3F2.0), in the EBCDIC character file. This user's manual displays the quartile distribution of the continuous date values of this variable.

1973 MASTER RECORD — TAPE POS. 167-170
FORMAT: 2F2.0

M3DOLE = DATE OF LATEST ENLISTMENT

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC VALUE MONTH	YEAR
MAXIMUM		JUN73	6	73
3RD QUARTILE		JAN73	1	73
MEDIAN		SEP72	9	72
1ST QUARTILE		JUL72	7	72
MINIMUM		FEB71	2	71
MISSING	10575	.	99	99
TOTALS:	11222			

NOTE: This item is stored as a single SAS date value (with format MONYY5.) in the SAS system file. It is stored as two sub-items, month and year (with format 2F2.0), in the EBCDIC character file. An arbitrary day of the month, the 10th, was assigned in creating the date value. This user's manual displays the quartile distribution of the continuous values of this variable.

1973 MASTER RECORD — TAPE POS. 171-171
FORMAT: F1.

M3SOP = SOURCE OF ORIGINAL PROCUREMENT

RESPONSE	VALUE	FREQ	PERCENT
Voluntary Enlistment	1	841	95.2%
Induct, Res Recall	2	42	4.8%
MISSING	9	10339	
TOTALS:		11222	100.0%

1973 MASTER RECORD — TAPE POS. 172-172
FORMAT: F1.

M3SVC = SERVICE CODE

RESPONSE	VALUE	FREQ	PERCENT
Army	1	284	32.2%
Navy	2	262	29.7%
Marine Corps	3	99	11.2%
Air Force	4	238	27.0%
MISSING	9	10339	
TOTALS:		11222	100.0%

1973 MASTER RECORD — TAPE POS. 173-173
FORMAT: F1.

M3COMP = SERVICE COMPONENT

RESPONSE	VALUE	FREQ	PERCENT
Regular	1	840	95.1%
Temporary	2	9	1.0%
Reserve	3	34	3.9%
MISSING	9	10339	
TOTALS:		11222	100.0%

1973 MASTER RECORD — TAPE POS. 174-175 — FORMAT: F2.

M3TAFMS = TOTAL ACTIVE FEDERAL MILIT SERVICE

PERCENTILE DISTRIBUTION	VALUE	FREQ
MAXIMUM	47	
3RD QUARTILE	11	
MEDIAN	9	
1ST QUARTILE	5	
MINIMUM	1	
MISSING	99	10339
TOTALS:		11222

NOTE: This item is stored as a continuous variable in the data file. This user's manual displays the quartile distribution of the continuous values of this variable.

1973 MASTER RECORD — TAPE POS. 176-179 — FORMAT: 2F2.0

M3ETS = ESTIMATED TIME OF SEPARATION

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC VALUE MONTH	YEAR
MAXIMUM		JUN79	6	79
3RD QUARTILE		NOV76	11	76
MEDIAN		JUN76	6	76
1ST QUARTILE		AUG75	8	75
MINIMUM		JUL73	7	73
MISSING	10339	.	99	99
TOTALS:	11222			

NOTE: This item is stored as a single SAS date value (with format DATE7.) in the SAS system file. It is stored as two sub-items, month and year (with format 2F2.0), in the EBCDIC character file. An arbitrary day of the month, the 20th, was assigned in creating the date value. This user's manual displays the quartile distribution of the continuous values of this variable.

1973 MASTER RECORD — TAPE POS. 180-185 — FORMAT: 3F2.0

M3DOS = DATE OF SEPARATION

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC VALUE MONTH	DAY	YEAR
MAXIMUM		20JUN79	6	20	79
3RD QUARTILE		20FEB77	2	20	77
MEDIAN		20OCT76	10	20	76
1ST QUARTILE		20AUG76	8	20	76
MINIMUM		20JUL73	7	20	73
MISSING	10988	.	99	99	99
TOTALS:	11222				

NOTE: This item is stored as a single SAS date value (with format DATE7.) in the SAS system file. It is stored as three sub-items, month, day, and year (with format 3F2.0), in the EBCDIC character file. This user's manual displays the quartile distribution of the continuous date values of this variable.

1973 MASTER RECORD — TAPE POS. 186-188 — FORMAT: F3.

M3DPOC = DOD PRIMARY OCCUPATION CODE

RESPONSE	VALUE	FREQ	PERCENT
Infantry		125	16.7%
Electronic		68	9.1%
Communications		44	5.9%
Medical		32	4.3%
Technical		11	1.5%
Administrative		126	16.8%
Repair		206	27.5%
Craft		38	5.1%
Service		99	13.2%
MISSING	999	10473	
TOTALS:		11222	100.0%

NOTE: This item is stored as a categorical variable with a large number of categories. Values were temporarily collapsed for display in this user's manual.

1973 MASTER RECORD — TAPE POS. 189-191 — FORMAT: F3.

M3DDOC = DOD DUTY OCCUPATION CODE

RESPONSE	VALUE	FREQ	PERCENT
Infantry		105	16.5%
Electronic		58	9.1%
Communications		35	5.5%
Medical		33	5.2%
Technical		7	1.1%
Administrative		110	17.3%
Repair		170	26.7%
Craft		32	5.0%
Service		86	13.5%
MISSING	999	10586	
TOTALS:		11222	100.0%

NOTE: This item is stored as a categorical variable with a large number of categories. Values were temporarily collapsed for display in this user's manual.

1973 MASTER RECORD — TAPE POS. 192-192 — FORMAT: F1.

M3PG = PAY GRADE

RESPONSE	VALUE	FREQ	PERCENT
E-1	1	154	17.4%
E-2	2	514	58.2%
E-3	3	180	20.4%
E-4	4	33	3.7%
E-5	5	2	0.2%
MISSING	9	10339	
TOTALS:		11222	100.0%

1973 MASTER RECORD — TAPE POS. 193-196 — FORMAT: 2F2.0

M3DCPG = DATE OF CURRENT PAY GRADE

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC MONTH	EBCDIC YEAR
MAXIMUM		JUN73	6	73
3RD QUARTILE		APR73	4	73
MEDIAN		FEB73	2	73
1ST QUARTILE		NOV72	11	72
MINIMUM		NOV71	11	71
MISSING	10340	.	99	99
TOTALS:	11222			

NOTE: This item is stored as a single SAS date value (with format MONYY5.) in the SAS system file. It is stored as two sub-items, month and year (with format 2F2.0), in the EBCDIC character file. An arbitrary day of the month, the 10th, was assigned in creating the date value. This user's manual displays the quartile distribution of the continuous values of this variable.

1973 MASTER RECORD — TAPE POS. 197-198 — FORMAT: F2.

M3TIG = TIME IN GRADE

PERCENTILE DISTRIBUTION	VALUE	FREQ
MAXIMUM	19	
3RD QUARTILE	7	
MEDIAN	4	
1ST QUARTILE	2	
MINIMUM	1	
MISSING	99	10340
TOTALS:		11222

NOTE: This item is stored as a continuous variable in the data file. This user's manual displays the quartile distribution of the continuous values of this variable.

1973 MASTER RECORD — TAPE POS. 199-199 — FORMAT: F1.

M3MS = MARITAL STATUS

RESPONSE	VALUE	FREQ	PERCENT
Not Married	1	587	91.7%
Married	2	53	8.3%
MISSING	9	10582	
TOTALS:		11222	100.0%

1973 MASTER RECORD — TAPE POS. 200-200 — FORMAT: F1.

M3DEPS = NUMBER OF DEPENDENTS

RESPONSE	VALUE	FREQ	PERCENT
None	1	803	90.9%
One	2	64	7.2%
Two	3	14	1.6%
Three	4	2	0.2%
MISSING	9	10339	
TOTALS:		11222	100.0%

1974 MASTER RECORD — TAPE POS. 201-206 — FORMAT: 3F2.0

M4BASD = BASIC ACTIVE SERVICE DATE

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC MONTH	EBCDIC DAY	EBCDIC YEAR
MAXIMUM		28JUN74	6	28	74
3RD QUARTILE		02MAY73	5	2	73
MEDIAN		07NOV72	11	7	72
1ST QUARTILE		10AUG72	8	10	72
MINIMUM		30JUL69	7	30	69
MISSING	10227	.	99	99	99
TOTALS:	11222				

NOTE: This item is stored as a single SAS date value (with format DATE7.) in the SAS system file. It is stored as three sub-items, month, day, and year (with format 3F2.0), in the EBCDIC character file. This user's manual displays the quartile distribution of the continuous date values of this variable.

1974 MASTER RECORD — TAPE POS. 207-212 — FORMAT: 3F2.0

M4PEBD = PAY ENTRY BASE DATE

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC MONTH	EBCDIC DAY	EBCDIC YEAR
MAXIMUM		28JUN74	6	28	74
3RD QUARTILE		10MAR73	3	10	73
MEDIAN		14SEP72	9	14	72
1ST QUARTILE		10JUN72	6	10	72
MINIMUM		30JUL69	7	30	69
MISSING	10227	.	99	99	99
TOTALS:	11222				

NOTE: This item is stored as a single SAS date value (with format DATE7.) in the SAS system file. It is stored as three sub-items, month, day, and year (with format 3F2.0), in the EBCDIC character file. This user's manual displays the quartile distribution of the continuous date values of this variable.

1974 MASTER RECORD — TAPE POS. 213-216 — FORMAT: 2F2.0

M4DOLE = DATE OF LATEST ENLISTMENT

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC VALUE MONTH	YEAR
MAXIMUM		JUN74	6	74
3RD QUARTILE		MAY73	5	73
MEDIAN		NOV72	11	72
1ST QUARTILE		AUG72	8	72
MINIMUM		JAN71	1	71
MISSING	10227	.	99	99
TOTALS:	11222			

NOTE: This item is stored as a single SAS date value (with format MONYY5.) in the SAS system file. It is stored as two sub-items, month and year (with format 2F2.0), in the EBCDIC character file. An arbitrary day of the month, the 10th, was assigned in creating the date value. This user's manual displays the quartile distribution of the continuous values of this variable.

1974 MASTER RECORD — TAPE POS. 217-217 — FORMAT: F1.

M4SOP = SOURCE OF ORIGINAL PROCUREMENT

RESPONSE	VALUE	FREQ	PERCENT
Voluntary Enlistment	1	951	95.6%
Induct, Res Recall	2	43	4.3%
Aviation Training	9	1	0.1%
MISSING	9	10227	
TOTALS:		11222	100.0%

1974 MASTER RECORD — TAPE POS. 218-218 — FORMAT: F1.

M4SVC = SERVICE CODE

RESPONSE	VALUE	FREQ	PERCENT
Army	1	331	33.3%
Navy	2	289	29.0%
Marine Corps	3	103	10.4%
Air Force	4	272	27.3%
MISSING	9	10227	
TOTALS:		11222	100.0%

1974 MASTER RECORD — TAPE POS. 219-219 — FORMAT: F1.

M4COMP = SERVICE COMPONENT

RESPONSE	VALUE	FREQ	PERCENT
Regular	1	951	95.6%
Temporary	2	8	0.8%
Reserve	3	36	3.6%
MISSING	9	10227	
TOTALS:		11222	100.0%

1974 MASTER RECORD — TAPE POS. 220-221 — FORMAT: F2.

M4TAFMS = TOTAL ACTIVE FEDERAL MILIT SERVICE

PERCENTILE DISTRIBUTION	VALUE	FREQ
MAXIMUM	59	
3RD QUARTILE	22	
MEDIAN	19	
1ST QUARTILE	13	
MINIMUM	1	
MISSING	99	10227
TOTALS:		11222

NOTE: This item is stored as a continuous variable in the data file. This user's manual displays the quartile distribution of the continuous values of this variable.

1974 MASTER RECORD — TAPE POS. 222-225 — FORMAT: 2F2.0

M4ETS = ESTIMATED TIME OF SEPARATION

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC VALUE MONTH	YEAR
MAXIMUM		JUN80	6	80
3RD QUARTILE		MAR77	3	77
MEDIAN		AUG76	8	76
1ST QUARTILE		OCT75	10	75
MINIMUM		JUN74	6	74
MISSING	10227	.	99	99
TOTALS:	11222			

NOTE: This item is stored as a single SAS date value (with format MONYY5.) in the SAS system file. It is stored as two sub-items, month and year (with format 2F2.0), in the EBCDIC character file. An arbitrary day of the month, the 20th, was assigned in creating the date value. This user's manual displays the quartile distribution of the continuous values of this variable.

1974 MASTER RECORD — TAPE POS. 226-231 — FORMAT: 3F2.0

M4DOS = DATE OF SEPARATION

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC VALUE MONTH	DAY	YEAR
MAXIMUM		20MAY80	5	20	80
3RD QUARTILE		20SEP77	9	20	77
MEDIAN		20JAN77	1	20	77
1ST QUARTILE		20SEP76	9	20	76
MINIMUM		20DEC75	12	20	75
MISSING	10950	.	99	99	99
TOTALS:	11222				

NOTE: This item is stored as a single SAS date value (with format DATE7.) in the SAS system file. It is stored as three sub-items, month, day, and year (with format 3F2.0), in the EBCDIC character file. This user's manual displays the quartile distribution of the continuous date values of this variable.

1974 MASTER RECORD — TAPE POS. 232-234 — FORMAT: F3.

M4DPOC = DOD PRIMARY OCCUPATION CODE

RESPONSE	VALUE	FREQ	PERCENT
Infantry		138	16.4%
Electronic		88	10.5%
Communications		64	7.6%
Medical		48	5.7%
Technical		14	1.7%
Administrative		133	15.8%
Repair		210	24.9%
Craft		41	4.9%
Service		106	12.6%
MISSING	999	10380	
TOTALS:		11222	100.0%

NOTE: This item is stored as a categorical variable with a large number of categories. Values were temporarily collapsed for display in this user's manual.

1974 MASTER RECORD — TAPE POS. 235-237 — FORMAT: F3.

M4DDOC = DOD DUTY OCCUPATION CODE

RESPONSE	VALUE	FREQ	PERCENT
Infantry		119	14.7%
Electronic		87	10.7%
Communications		58	7.1%
Medical		44	5.4%
Technical		13	1.6%
Administrative		136	16.7%
Repair		210	25.9%
Craft		37	4.6%
Service		108	13.3%
MISSING	999	10410	
TOTALS:		11222	100.0%

NOTE: This item is stored as a categorical variable with a large number of categories. Values were temporarily collapsed for display in this user's manual.

1974 MASTER RECORD — TAPE POS. 238-239 — FORMAT: F2.

M4PG = PAY GRADE

RESPONSE	VALUE	FREQ	PERCENT
E-1	1	80	8.0%
E-2	2	193	19.4%
E-3	3	451	45.3%
E-4	4	266	26.7%
E-5	5	4	0.4%
W-1	11	1	0.1%
MISSING	99	10227	
TOTALS:		11222	100.0%

1974 MASTER RECORD — TAPE POS. 240-243 — FORMAT: 2F2.0

M4DCPG = DATE OF CURRENT PAY GRADE

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC VALUE MONTH	EBCDIC VALUE YEAR
MAXIMUM		JUN74	6	74
3RD QUARTILE		MAR74	3	74
MEDIAN		JAN74	1	74
1ST QUARTILE		AUG73	8	73
MINIMUM		NOV71	11	71
MISSING	10246	.	99	99
TOTALS:	11222			

NOTE: This item is stored as a single SAS date value (with format MONYY5.) in the SAS system file. It is stored as two sub-items, month and year (with format 2F2.0), in the EBCDIC character file. An arbitrary day of the month, the 10th, was assigned in creating the date value. This user's manual displays the quartile distribution of the continuous values of this variable.

1974 MASTER RECORD — TAPE POS. 244-245 — FORMAT: F2.

M4TIG = TIME IN GRADE

PERCENTILE DISTRIBUTION	VALUE	FREQ
MAXIMUM	31	
3RD QUARTILE	10	
MEDIAN	5	
1ST QUARTILE	3	
MINIMUM	1	
MISSING	99	10246
TOTALS:		11222

NOTE: This item is stored as a continuous variable in the data file. This user's manual displays the quartile distribution of the continuous values of this variable.

1974 MASTER RECORD — TAPE POS. 246-246 — FORMAT: F1.

M4MS = MARITAL STATUS

RESPONSE	VALUE	FREQ	PERCENT
Not Married	1	620	79.5%
Married	2	160	20.5%
MISSING	9	10442	
TOTALS:		11222	100.0%

1974 MASTER RECORD — TAPE POS. 247-247
FORMAT: F1.

M4DEPS = NUMBER OF DEPENDENTS

RESPONSE	VALUE	FREQ	PERCENT
None	1	801	80.5%
One	2	146	14.7%
Two	3	44	4.4%
Three	4	4	0.4%
MISSING	9	10227	
TOTALS:		11222	100.0%

1975 MASTER RECORD — TAPE POS. 248-253
FORMAT: 3F2.0

M5BASD = BASIC ACTIVE SERVICE DATE

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC VALUE MONTH	DAY	YEAR
MAXIMUM		30JUN75	6	30	75
3RD QUARTILE		10JAN74	1	10	74
MEDIAN		11JAN73	1	11	73
1ST QUARTILE		25AUG72	8	25	72
MINIMUM		30JUL69	7	30	69
MISSING	10251	.	99	99	99
TOTALS:	11222				

NOTE: This item is stored as a single SAS date value (with format DATE7.) in the SAS system file. It is stored as three sub-items, month, day, and year (with format 3F2.0), in the EBCDIC character file. This user's manual displays the quartile distribution of the continuous date values of this variable.

1975 MASTER RECORD — TAPE POS. 254-259
FORMAT: 3F2.0

M5PEBD = PAY ENTRY BASE DATE

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC VALUE MONTH	DAY	YEAR
MAXIMUM		10JUN75	6	10	75
3RD QUARTILE		20NOV73	11	20	73
MEDIAN		04DEC72	12	4	72
1ST QUARTILE		30JUN72	6	30	72
MINIMUM		30JUL69	7	30	69
MISSING	10251	.	99	99	99
TOTALS:	11222				

NOTE: This item is stored as a single SAS date value (with format DATE7.) in the SAS system file. It is stored as three sub-items, month, day, and year (with format 3F2.0), in the EBCDIC character file. This user's manual displays the quartile distribution of the continuous date values of this variable.

1975 MASTER RECORD — TAPE POS. 260-263
FORMAT: 2F2.0

M5DOLE = DATE OF LATEST ENLISTMENT

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC VALUE MONTH	YEAR
MAXIMUM		JUN75	6	75
3RD QUARTILE		MAY74	5	74
MEDIAN		MAR73	3	73
1ST QUARTILE		SEP72	9	72
MINIMUM		MAR72	3	72
MISSING	10250	.	99	99
TOTALS:	11222			

NOTE: This item is stored as a single SAS date value (with format MONYY5.) in the SAS system file. It is stored as two sub-items, month and year (with format 2F2.0), in the EBCDIC character file. An arbitrary day of the month, the 10th, was assigned in creating the date value. This user's manual displays the quartile distribution of the continuous values of this variable.

1975 MASTER RECORD — TAPE POS. 264-264
FORMAT: F1.

M5SOP = SOURCE OF ORIGINAL PROCUREMENT

RESPONSE	VALUE	FREQ	PERCENT
Voluntary Enlistment	1	630	64.8%
Induct, Res Recall	2	341	35.1%
Aviation Training	9	1	0.1%
MISSING	9	10250	
TOTALS:		11222	100.0%

1975 MASTER RECORD — TAPE POS. 265-265
FORMAT: F1.

M5SVC = SERVICE CODE

RESPONSE	VALUE	FREQ	PERCENT
Army	1	331	34.1%
Navy	2	264	27.2%
Marine Corps	3	96	9.9%
Air Force	4	281	28.9%
MISSING	9	10250	
TOTALS:		11222	100.0%

1975 MASTER RECORD — TAPE POS. 266-266
FORMAT: F1.

M5COMP = SERVICE COMPONENT

RESPONSE	VALUE	FREQ	PERCENT
Regular	1	956	98.4%
Reserve	3	15	1.5%
Natl Guard	4	1	0.1%
MISSING	9	10250	
TOTALS:		11222	100.0%

1975 MASTER RECORD — TAPE POS. 267-268
FORMAT: F2.

M5TAFMS = TOTAL ACTIVE FEDERAL MILIT SERVICE

PERCENTILE DISTRIBUTION	VALUE	FREQ
MAXIMUM	71	
3RD QUARTILE	34	
MEDIAN	29	
1ST QUARTILE	17	
MINIMUM	1	
MISSING	99	10251
TOTALS:		11222

NOTE: This item is stored as a continuous variable in the data file. This user's manual displays the quartile distribution of the continuous values of this variable.

1975 MASTER RECORD — TAPE POS. 269-272
FORMAT: 2F2.0

M5ETS = ESTIMATED TIME OF SEPARATION

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC VALUE MONTH	YEAR
MAXIMUM		OCT82	10	82
3RD QUARTILE		MAY78	5	78
MEDIAN		JAN77	1	77
1ST QUARTILE		JUL76	7	76
MINIMUM		MAY75	5	75
MISSING	10252	.	99	99
TOTALS:	11222			

NOTE: This item is stored as a single SAS date value (with format MONYY5.) in the SAS system file. It is stored as two sub-items, month and year (with format 2F2.0), in the EBCDIC character file. An arbitrary day of the month, the 20th, was assigned in creating the date value. This user's manual displays the quartile distribution of the continuous values of this variable.

1975 MASTER RECORD — TAPE POS. 273-278
FORMAT: 3F2.0

M5DOS = DATE OF SEPARATION

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC VALUE MONTH	DAY	YEAR
MAXIMUM		20MAY81	5	20	81
3RD QUARTILE		20JUL78	7	20	78
MEDIAN		20APR77	4	20	77
1ST QUARTILE		20OCT76	10	20	76
MINIMUM		20JUL75	7	20	75
MISSING	10941	.	99	99	99
TOTALS:	11222				

NOTE: This item is stored as a single SAS date value (with format DATE7.) in the SAS system file. It is stored as three sub-items, month, day, and year (with format 3F2.0), in the EBCDIC character file. This user's manual displays the quartile distribution of the continuous date values of this variable.

1975 MASTER RECORD — TAPE POS. 279-281
FORMAT: F3.

M5DPOC = DOD PRIMARY OCCUPATION CODE

RESPONSE	VALUE	FREQ	PERCENT
Infantry		123	14.2%
Electronic		99	11.4%
Communications		69	7.9%
Medical		47	5.4%
Technical		22	2.5%
Administrative		138	15.9%
Repair		222	25.5%
Craft		42	4.8%
Service		107	12.3%
MISSING	999	10353	
TOTALS:		11222	100.0%

NOTE: This item is stored as a categorical variable with a large number of categories. Values were temporarily collapsed for display in this user's manual.

1975 MASTER RECORD — TAPE POS. 282-284
FORMAT: F3.

M5DDOC = DOD DUTY OCCUPATION CODE

RESPONSE	VALUE	FREQ	PERCENT
Infantry		112	13.0%
Electronic		98	11.4%
Communications		65	7.6%
Medical		46	5.4%
Technical		27	3.1%
Administrative		143	16.6%
Repair		221	25.7%
Craft		39	4.5%
Service		108	12.6%
MISSING	999	10363	
TOTALS:		11222	100.0%

NOTE: This item is stored as a categorical variable with a large number of categories. Values were temporarily collapsed for display in this user's manual.

1975 MASTER RECORD — TAPE POS. 285-286
FORMAT: F2.

M5PG = PAY GRADE

RESPONSE	VALUE	FREQ	PERCENT
E-1	1	56	5.8%
E-2	2	124	12.8%
E-3	3	298	30.7%
E-4	4	435	44.8%
E-5	5	57	5.9%
E-6	6	1	0.1%
W-1	11	1	0.1%
MISSING	99	10250	
TOTALS:		11222	100.0%

1975 MASTER RECORD — TAPE POS. 287-290 — FORMAT: 2F2.0

M5DCPG = DATE OF CURRENT PAY GRADE

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC VALUE MONTH	YEAR
MAXIMUM		JUN75	6	75
3RD QUARTILE		FEB75	2	75
MEDIAN		OCT74	10	74
1ST QUARTILE		MAR74	3	74
MINIMUM		NOV71	11	71
MISSING	10264	.	99	99
TOTALS:	11222			

NOTE: This item is stored as a single SAS date value (with format MONYY5.) in the SAS system file. It is stored as two sub-items, month and year (with format 2F2.0), in the EBCDIC character file. An arbitrary day of the month, the 10th, was assigned in creating the date value. This user's manual displays the quartile distribution of the continuous values of this variable.

1975 MASTER RECORD — TAPE POS. 291-292 — FORMAT: F2.

M5TIG = TIME IN GRADE

PERCENTILE DISTRIBUTION	VALUE	FREQ
MAXIMUM	43	
3RD QUARTILE	15	
MEDIAN	8	
1ST QUARTILE	4	
MINIMUM	1	
MISSING	99	10264
TOTALS:		11222

NOTE: This item is stored as a continuous variable in the data file. This user's manual displays the quartile distribution of the continuous values of this variable.

1975 MASTER RECORD — TAPE POS. 293-293 — FORMAT: F1.

M5MS = MARITAL STATUS

RESPONSE	VALUE	FREQ	PERCENT
Not Married	1	579	68.0%
Married	2	272	32.0%
MISSING	9	10371	
TOTALS:		11222	100.0%

1975 MASTER RECORD — TAPE POS. 294-294 — FORMAT: F1.

M5DEPS = NUMBER OF DEPENDENTS

RESPONSE	VALUE	FREQ	PERCENT
None	1	663	68.2%
One	2	222	22.8%
Two	3	71	7.3%
Three	4	12	1.2%
Four	5	3	0.3%
Five	6	1	0.1%
MISSING	9	10250	
TOTALS:		11222	100.0%

1976 MASTER RECORD — TAPE POS. 295-300 — FORMAT: 3F2.0

M6BASD = BASIC ACTIVE SERVICE DATE

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC VALUE MONTH	DAY	YEAR
MAXIMUM		28JUN76	6	28	76
3RD QUARTILE		11OCT74	10	11	74
MEDIAN		20JUN73	6	20	73
1ST QUARTILE		07OCT72	10	7	72
MINIMUM		30JUL69	7	30	69
MISSING	10417	.	99	99	99
TOTALS:	11222				

NOTE: This item is stored as a single SAS date value (with format DATE7.) in the SAS system file. It is stored as three sub-items, month, day, and year (with format 3F2.0), in the EBCDIC character file. This user's manual displays the quartile distribution of the continuous date values of this variable.

1976 MASTER RECORD — TAPE POS. 301-306 — FORMAT: 3F2.0

M6PEBD = PAY ENTRY BASE DATE

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC VALUE MONTH	DAY	YEAR
MAXIMUM		30JUN76	6	30	76
3RD QUARTILE		10SEP74	9	10	74
MEDIAN		02MAY73	5	2	73
1ST QUARTILE		07AUG72	8	7	72
MINIMUM		10JUN69	6	10	69
MISSING	10411	.	99	99	99
TOTALS:	11222				

NOTE: This item is stored as a single SAS date value (with format DATE7.) in the SAS system file. It is stored as three sub-items, month, day, and year (with format 3F2.0), in the EBCDIC character file. This user's manual displays the quartile distribution of the continuous date values of this variable.

1976 MASTER RECORD — TAPE POS. 307-310
FORMAT: 2F2.0

M6DOLE = DATE OF LATEST ENLISTMENT

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC MONTH	EBCDIC YEAR
MAXIMUM		JUN76	6	76
3RD QUARTILE		JUN75	6	75
MEDIAN		JUN74	6	74
1ST QUARTILE		FEB73	2	73
MINIMUM		FEB71	2	71
MISSING	10401	.	99	99
TOTALS:	11222			

NOTE: This item is stored as a single SAS date value (with format MONYY5.) in the SAS system file. It is stored as two sub-items, month and year (with format 2F2.0), in the EBCDIC character file. An arbitrary day of the month, the 10th, was assigned in creating the date value. This user's manual displays the quartile distribution of the continuous values of this variable.

1976 MASTER RECORD — TAPE POS. 311-311
FORMAT: F1.

M6SOP = SOURCE OF ORIGINAL PROCUREMENT

RESPONSE	VALUE	FREQ	PERCENT
Voluntary Enlistment	1	803	97.1%
Induct, Res Recall	2	20	2.4%
ROTC Non-School	3	1	0.1%
OCS Direct Procurmnt	4	1	0.1%
Direct Appt, Other	8	1	0.1%
Aviation Training	9	1	0.1%
MISSING	9	10395	
TOTALS:		11222	100.0%

1976 MASTER RECORD — TAPE POS. 312-312
FORMAT: F1.

M6SVC = SERVICE CODE

RESPONSE	VALUE	FREQ	PERCENT
Army	1	259	31.3%
Navy	2	227	27.4%
Marine Corps	3	74	8.9%
Air Force	4	267	32.3%
MISSING	9	10395	
TOTALS:		11222	100.0%

1976 MASTER RECORD — TAPE POS. 313-313
FORMAT: F1.

M6COMP = SERVICE COMPONENT

RESPONSE	VALUE	FREQ	PERCENT
Regular	1	810	97.9%
Reserve	3	17	2.1%
MISSING	9	10395	
TOTALS:		11222	100.0%

1976 MASTER RECORD — TAPE POS. 314-315
FORMAT: F2.

M6TAFMS = TOTAL ACTIVE FEDERAL MILIT SERVICE

PERCENTILE DISTRIBUTION	VALUE	FREQ
MAXIMUM	83	
3RD QUARTILE	44	
MEDIAN	35	
1ST QUARTILE	19	
MINIMUM	1	
MISSING	99	10404
TOTALS:		11222

NOTE: This item is stored as a continuous variable in the data file. This user's manual displays the quartile distribution of the continuous values of this variable.

1976 MASTER RECORD — TAPE POS. 316-319
FORMAT: 2F2.0

M6ETS = ESTIMATED TIME OF SEPARATION

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC MONTH	EBCDIC YEAR
MAXIMUM		JUN82	6	82
3RD QUARTILE		JUN79	6	79
MEDIAN		MAR78	3	78
1ST QUARTILE		JAN77	1	77
MINIMUM		MAY76	5	76
MISSING	10428	.	99	99
TOTALS:	11222			

NOTE: This item is stored as a single SAS date value (with format MONYY5.) in the SAS system file. It is stored as two sub-items, month and year (with format 2F2.0), in the EBCDIC character file. An arbitrary day of the month, the 20th, was assigned in creating the date value. This user's manual displays the quartile distribution of the continuous values of this variable.

1976 MASTER RECORD — TAPE POS. 320-325
FORMAT: 3F2.0

M6DOS = DATE OF SEPARATION

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC VALUE MONTH	DAY	YEAR
MAXIMUM		.	.	.	.
3RD QUARTILE		.	.	.	.
MEDIAN		.	.	.	.
1ST QUARTILE		.	.	.	.
MINIMUM		.	.	.	.
MISSING	11222	.	99	99	99
TOTALS:	11222				

NOTE: This item is stored as a single SAS date value (with format DATE7.) in the SAS system file. It is stored as three sub-items, month, day, and year (with format 3F2.0), in the EBCDIC character file. This user's manual displays the quartile distribution of the continuous date values of this variable.

1976 MASTER RECORD — TAPE POS. 326-328
FORMAT: F3.

M6DPOC = DOD PRIMARY OCCUPATION CODE

RESPONSE	VALUE	FREQ	PERCENT
Infantry		106	13.1%
Electronic		93	11.5%
Communications		72	8.9%
Medical		28	3.5%
Technical		30	3.7%
Administrative		93	11.5%
Repair		191	23.7%
Craft		29	3.6%
Service		93	11.5%
Non-Occupational		72	8.9%
MISSING	999	10415	
TOTALS:		11222	100.0%

NOTE: This item is stored as a categorical variable with a large number of categories. Values were temporarily collapsed for display in this user's manual.

1976 MASTER RECORD — TAPE POS. 329-331
FORMAT: F3.

M6DDOC = DOD DUTY OCCUPATION CODE

RESPONSE	VALUE	FREQ	PERCENT
Infantry		103	12.7%
Electronic		94	11.6%
Communications		64	7.9%
Medical		29	3.6%
Technical		29	3.6%
Administrative		103	12.7%
Repair		195	24.1%
Craft		29	3.6%
Service		95	11.7%
Non-Occupational		68	8.4%
MISSING	999	10413	
TOTALS:		11222	100.0%

NOTE: This item is stored as a categorical variable with a large number of categories. Values were temporarily collapsed for display in this user's manual.

1976 MASTER RECORD — TAPE POS. 332-333
FORMAT: F2.

M6PG = PAY GRADE

RESPONSE	VALUE	FREQ	PERCENT
E-1	1	26	3.1%
E-2	2	69	8.3%
E-3	3	179	21.6%
E-4	4	385	46.6%
E-5	5	130	15.7%
E-6	6	1	0.1%
W-2	12	1	0.1%
O-1	21	36	4.4%
MISSING	99	10395	
TOTALS:		11222	100.0%

1976 MASTER RECORD — TAPE POS. 334-337
FORMAT: 2F2.0

M6DCPG = DATE OF CURRENT PAY GRADE

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC VALUE MONTH	YEAR
MAXIMUM		JUN76	6	76
3RD QUARTILE		FEB76	2	76
MEDIAN		AUG75	8	75
1ST QUARTILE		JAN75	1	75
MINIMUM		NOV71	11	71
MISSING	10408	.	99	99
TOTALS:	11222			

NOTE: This item is stored as a single SAS date value (with format MONYY5.) in the SAS system file. It is stored as two sub-items, month and year (with format 2F2.0), in the EBCDIC character file. An arbitrary day of the month, the 10th, was assigned in creating the date value. This user's manual displays the quartile distribution of the continuous values of this variable.

1976 MASTER RECORD — TAPE POS. 338-339
FORMAT: F2.

M6TIG = TIME IN GRADE

PERCENTILE DISTRIBUTION	VALUE	FREQ
MAXIMUM	55	
3RD QUARTILE	17	
MEDIAN	10	
1ST QUARTILE	4	
MINIMUM	1	
MISSING	99	10408
TOTALS:		11222

NOTE: This item is stored as a continuous variable in the data file. This user's manual displays the quartile distribution of the continuous values of this variable.

1976 MASTER RECORD — TAPE POS. 340-340
FORMAT: F1.

M6MS = MARITAL STATUS

RESPONSE	VALUE	FREQ	PERCENT
Not Married	1	451	57.3%
Married	2	336	42.7%
MISSING	9	10435	
TOTALS:		11222	100.0%

1976 MASTER RECORD — TAPE POS. 341-341
FORMAT: F1.

M6DEPS = NUMBER OF DEPENDENTS

RESPONSE	VALUE	FREQ	PERCENT
None	1	478	57.9%
One	2	207	25.1%
Two	3	97	11.8%
Three	4	38	4.6%
Four	5	2	0.2%
Five	6	1	0.1%
	9	2	0.2%
MISSING	9	10397	
TOTALS:		11222	100.0%

1977 MASTER RECORD — TAPE POS. 342-347
FORMAT: 3F2.0

M7BASD = BASIC ACTIVE SERVICE DATE

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC VALUE MONTH	DAY	YEAR
MAXIMUM		22JUN77	6	22	77
3RD QUARTILE		02DEC75	12	2	75
MEDIAN		03MAY74	5	3	74
1ST QUARTILE		10DEC72	12	10	72
MINIMUM		30JUL69	7	30	69
MISSING	10543	.	99	99	99
TOTALS:	11222				

NOTE: This item is stored as a single SAS date value (with format DATE7.) in the SAS system file. It is stored as three sub-items, month, day, and year (with format 3F2.0), in the EBCDIC character file. This user's manual displays the quartile distribution of the continuous date values of this variable.

1977 MASTER RECORD — TAPE POS. 348-353
FORMAT: 3F2.0

M7PEBD = PAY ENTRY BASE DATE

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC VALUE MONTH	DAY	YEAR
MAXIMUM		15JUN77	6	15	77
3RD QUARTILE		24SEP75	9	24	75
MEDIAN		23FEB74	2	23	74
1ST QUARTILE		10OCT72	10	10	72
MINIMUM		10JUN69	6	10	69
MISSING	10538	.	99	99	99
TOTALS:	11222				

NOTE: This item is stored as a single SAS date value (with format DATE7.) in the SAS system file. It is stored as three sub-items, month, day, and year (with format 3F2.0), in the EBCDIC character file. This user's manual displays the quartile distribution of the continuous date values of this variable.

1977 MASTER RECORD — TAPE POS. 354-357 — FORMAT: 2F2.0

M7DOLE = DATE OF LATEST ENLISTMENT

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC VALUE MONTH	YEAR
MAXIMUM		JUN77	6	77
3RD QUARTILE		AUG76	8	76
MEDIAN		OCT75	10	75
1ST QUARTILE		OCT74	10	74
MINIMUM		JUN72	6	72
MISSING	10543	.	99	99
TOTALS:	11222			

NOTE: This item is stored as a single SAS date value (with format MONYY5.) in the SAS system file. It is stored as two sub-items, month and year (with format 2F2.0), in the EBCDIC character file. An arbitrary day of the month, the 10th, was assigned in creating the date value. This user's manual displays the quartile distribution of the continuous values of this variable.

1977 MASTER RECORD — TAPE POS. 358-358 — FORMAT: F1.

M7SOP = SOURCE OF ORIGINAL PROCUREMENT

RESPONSE	VALUE	FREQ	PERCENT
Voluntary Enlistment	1	624	91.6%
Induct, Res Recall	2	34	5.0%
ROTC Non-School	3	13	1.9%
OCS Direct Procurmnt	4	5	0.7%
OCS In-Service	5	1	0.1%
Direct Appt, Other	8	2	0.3%
Aviation Training	9	2	0.3%
MISSING	9	10541	
TOTALS:		11222	100.0%

1977 MASTER RECORD — TAPE POS. 359-359 — FORMAT: F1.

M7SVC = SERVICE CODE

RESPONSE	VALUE	FREQ	PERCENT
Army	1	239	34.9%
Navy	2	175	25.5%
Marine Corps	3	49	7.2%
Air Force	4	222	32.4%
MISSING	9	10537	
TOTALS:		11222	100.0%

1977 MASTER RECORD — TAPE POS. 360-360 — FORMAT: F1.

M7COMP = SERVICE COMPONENT

RESPONSE	VALUE	FREQ	PERCENT
Regular	1	639	93.3%
Reserve	3	46	6.7%
MISSING	9	10537	
TOTALS:		11222	100.0%

1977 MASTER RECORD — TAPE POS. 361-362 — FORMAT: F2.

M7TAFMS = TOTAL ACTIVE FEDERAL MILIT SERVICE

PERCENTILE DISTRIBUTION	VALUE	FREQ
MAXIMUM	95	
3RD QUARTILE	54	
MEDIAN	37	
1ST QUARTILE	18	
MINIMUM	1	
MISSING	99	10537
TOTALS:		11222

NOTE: This item is stored as a continuous variable in the data file. This user's manual displays the quartile distribution of the continuous values of this variable.

1977 MASTER RECORD — TAPE POS. 363-366 — FORMAT: 2F2.0

M7ETS = ESTIMATED TIME OF SEPARATION

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC VALUE MONTH	YEAR
MAXIMUM		JUN83	6	83
3RD QUARTILE		SEP80	9	80
MEDIAN		AUG79	8	79
1ST QUARTILE		AUG78	8	78
MINIMUM		JUN77	6	77
MISSING	10591	.	99	99
TOTALS:	11222			

NOTE: This item is stored as a single SAS date value (with format MONYY5.) in the SAS system file. It is stored as two sub-items, month and year (with format 2F2.0), in the EBCDIC character file. An arbitrary day of the month, the 20th, was assigned in creating the date value. This user's manual displays the quartile distribution of the continuous values of this variable.

1977 MASTER RECORD — TAPE POS. 367-372
FORMAT: 3F2.0

M7DOS = DATE OF SEPARATION

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC VALUE MONTH	DAY	YEAR
MAXIMUM		.	.	.	.
3RD QUARTILE		.	.	.	.
MEDIAN		.	.	.	.
1ST QUARTILE		.	.	.	.
MINIMUM		.	.	.	.
MISSING	11222	.	99	99	99
TOTALS:	11222				

NOTE: This item is stored as a single SAS date value (with format DATE7.) in the SAS system file. It is stored as three sub-items, month, day, and year (with format 3F2.0), in the EBCDIC character file. This user's manual displays the quartile distribution of the continuous date values of this variable.

1977 MASTER RECORD — TAPE POS. 373-375
FORMAT: F3.

M7DPOC = DOD PRIMARY OCCUPATION CODE

RESPONSE	VALUE	FREQ	PERCENT
Infantry		84	12.8%
Electronic		80	12.2%
Communications		71	10.8%
Medical		27	4.1%
Technical		30	4.6%
Administrative		73	11.1%
Repair		135	20.5%
Craft		33	5.0%
Service		72	10.9%
Non-Occupational		53	8.1%
MISSING	999	10564	
TOTALS:		11222	100.0%

NOTE: This item is stored as a categorical variable with a large number of categories. Values were temporarily collapsed for display in this user's manual.

1977 MASTER RECORD — TAPE POS. 376-378
FORMAT: F3.

M7DDOC = DOD DUTY OCCUPATION CODE

RESPONSE	VALUE	FREQ	PERCENT
Infantry		80	11.9%
Electronic		85	12.6%
Communications		72	10.7%
Medical		27	4.0%
Technical		30	4.5%
Administrative		77	11.4%
Repair		133	19.8%
Craft		33	4.9%
Service		69	10.3%
Non-Occupational		67	10.0%
MISSING	999	10549	
TOTALS:		11222	100.0%

NOTE: This item is stored as a categorical variable with a large number of categories. Values were temporarily collapsed for display in this user's manual.

1977 MASTER RECORD — TAPE POS. 379-380
FORMAT: F2.

M7PG = PAY GRADE

RESPONSE	VALUE	FREQ	PERCENT
E-1	1	15	2.2%
E-2	2	39	5.7%
E-3	3	102	14.9%
E-4	4	282	41.2%
E-5	5	158	23.1%
E-6	6	8	1.2%
W-1	11	1	0.1%
W-2	12	1	0.1%
O-1	21	79	11.5%
MISSING	99	10537	
TOTALS:		11222	100.0%

1977 MASTER RECORD — TAPE POS. 381-384
FORMAT: 2F2.0

M7DCPG = DATE OF CURRENT PAY GRADE

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC VALUE MONTH	YEAR
MAXIMUM		JUN77	6	77
3RD QUARTILE		DEC76	12	76
MEDIAN		JUN76	6	76
1ST QUARTILE		OCT75	10	75
MINIMUM		NOV71	11	71
MISSING	10549	.	99	99
TOTALS:	11222			

NOTE: This item is stored as a single SAS date value (with format MONYY5.) in the SAS system file. It is stored as two sub-items, month and year (with format 2F2.0), in the EBCDIC character file. An arbitrary day of the month, the 10th, was assigned in creating the date value. This user's manual displays the quartile distribution of the continuous values of this variable.

1977 MASTER RECORD — TAPE POS. 385-386
FORMAT: F2.

M7TIG = TIME IN GRADE

PERCENTILE DISTRIBUTION	VALUE	FREQ
MAXIMUM	67	
3RD QUARTILE	20	
MEDIAN	12	
1ST QUARTILE	6	
MINIMUM	1	
MISSING	99	10549
TOTALS:		11222

NOTE: This item is stored as a continuous variable in the data file. This user's manual displays the quartile distribution of the continuous values of this variable.

1977 MASTER RECORD — TAPE POS. 387-387
FORMAT: F1.

M7MS = MARITAL STATUS

RESPONSE	VALUE	FREQ	PERCENT
Not Married	1	329	48.3%
Married	2	352	51.7%
MISSING	9	10541	
TOTALS:		11222	100.0%

1977 MASTER RECORD — TAPE POS. 388-388
FORMAT: F1.

M7DEPS = NUMBER OF DEPENDENTS

RESPONSE	VALUE	FREQ	PERCENT
None	1	335	49.0%
One	2	175	25.6%
Two	3	117	17.1%
Three	4	48	7.0%
Four	5	7	1.0%
Five	6	1	0.1%
MISSING	9	10539	
TOTALS:		11222	100.0%

1978 MASTER RECORD — TAPE POS. 389-394
FORMAT: 3F2.0

M8BASD = BASIC ACTIVE SERVICE DATE

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC VALUE MONTH	DAY	YEAR
MAXIMUM		10JUN78	6	10	78
3RD QUARTILE		02JUN76	6	2	76
MEDIAN		10OCT74	10	10	74
1ST QUARTILE		15DEC72	12	15	72
MINIMUM		30JUL69	7	30	69
MISSING	10615	.	99	99	99
TOTALS:	11222				

NOTE: This item is stored as a single SAS date value (with format DATE7.) in the SAS system file. It is stored as three sub-items, month, day, and year (with format 3F2.0), in the EBCDIC character file. This user's manual displays the quartile distribution of the continuous date values of this variable.

1978 MASTER RECORD — TAPE POS. 395-400
FORMAT: 3F2.0

M8PEBD = PAY ENTRY BASE DATE

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC VALUE MONTH	DAY	YEAR
MAXIMUM		16JUN78	6	16	78
3RD QUARTILE		07MAY76	5	7	76
MEDIAN		01AUG74	8	1	74
1ST QUARTILE		10OCT72	10	10	72
MINIMUM		30JUL69	7	30	69
MISSING	10615	.	99	99	99
TOTALS:	11222				

NOTE: This item is stored as a single SAS date value (with format DATE7.) in the SAS system file. It is stored as three sub-items, month, day, and year (with format 3F2.0), in the EBCDIC character file. This user's manual displays the quartile distribution of the continuous date values of this variable.

1978 MASTER RECORD — TAPE POS. 401-404
FORMAT: 2F2.0

M8DOLE = DATE OF LATEST ENLISTMENT

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC VALUE MONTH	YEAR
MAXIMUM		JUN78	6	78
3RD QUARTILE		MAR77	3	77
MEDIAN		JUN76	6	76
1ST QUARTILE		JUL75	7	75
MINIMUM		JUN72	6	72
MISSING	10620	.	99	99
TOTALS:	11222			

NOTE: This item is stored as a single SAS date value (with format MONYY5.) in the SAS system file. It is stored as two sub-items, month and year (with format 2F2.0), in the EBCDIC character file. An arbitrary day of the month, the 10th, was assigned in creating the date value. This user's manual displays the quartile distribution of the continuous values of this variable.

1978 MASTER RECORD — TAPE POS. 405-405
FORMAT: F1.

M8SOP = SOURCE OF ORIGINAL PROCUREMENT

RESPONSE	VALUE	FREQ	PERCENT
Voluntary Enlistment	1	28	30.4%
Induct, Res Recall	2	30	32.6%
ROTC Non-School	3	19	20.7%
OCS Direct Procurmnt	4	8	8.7%
OCS In-Service	5	1	1.1%
Direct Appt, Other	8	4	4.3%
Aviation Training	9	2	2.2%
MISSING	9	11130	
TOTALS:		11222	100.0%

1978 MASTER RECORD — TAPE POS. 406-406
FORMAT: F1.

M8SVC = SERVICE CODE

RESPONSE	VALUE	FREQ	PERCENT
Army	1	210	34.5%
Navy	2	160	26.3%
Marine Corps	3	40	6.6%
Air Force	4	198	32.6%
MISSING	9	10614	
TOTALS:		11222	100.0%

1978 MASTER RECORD — TAPE POS. 407-407
FORMAT: F1.

M8COMP = SERVICE COMPONENT

RESPONSE	VALUE	FREQ	PERCENT
Regular	1	548	90.1%
Reserve	3	60	9.9%
MISSING	9	10614	
TOTALS:		11222	100.0%

1978 MASTER RECORD — TAPE POS. 408-410
FORMAT: F3.

M8TAFMS = TOTAL ACTIVE FEDERAL MILIT SERVICE

PERCENTILE DISTRIBUTION	VALUE	FREQ
MAXIMUM	107	
3RD QUARTILE	66	
MEDIAN	44	
1ST QUARTILE	24	
MINIMUM	1	
MISSING	999	10614
TOTALS:		11222

NOTE: This item is stored as a continuous variable in the data file. This user's manual displays the quartile distribution of the continuous values of this variable.

1978 MASTER RECORD — TAPE POS. 411-414
FORMAT: 2F2.0

M8ETS = ESTIMATED TIME OF SEPARATION

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC VALUE MONTH	YEAR
MAXIMUM		MAY84	5	84
3RD QUARTILE		APR81	4	81
MEDIAN		JUN80	6	80
1ST QUARTILE		MAY79	5	79
MINIMUM		MAY78	5	78
MISSING	10672	.	99	99
TOTALS:	11222			

NOTE: This item is stored as a single SAS date value (with format MONYY5.) in the SAS system file. It is stored as two sub-items, month and year (with format 2F2.0), in the EBCDIC character file. An arbitrary day of the month, the 20th, was assigned in creating the date value. This user's manual displays the quartile distribution of the continuous values of this variable.

1978 MASTER RECORD — TAPE POS. 415-420
FORMAT: 3F2.0

M8DOS = DATE OF SEPARATION

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC VALUE MONTH	DAY	YEAR
MAXIMUM		05DEC83	12	5	83
3RD QUARTILE		19MAY81	5	19	81
MEDIAN		11OCT80	10	11	80
1ST QUARTILE		23OCT79	10	23	79
MINIMUM		30JUN78	6	30	78
MISSING	11055	.	99	99	99
TOTALS:	11222				

NOTE: This item is stored as a single SAS date value (with format DATE7.) in the SAS system file. It is stored as three sub-items, month, day, and year (with format 3F2.0), in the EBCDIC character file. This user's manual displays the quartile distribution of the continuous date values of this variable.

1978 MASTER RECORD — TAPE POS. 421-423
FORMAT: F3.

M8DPOC = DOD PRIMARY OCCUPATION CODE

RESPONSE	VALUE	FREQ	PERCENT
Infantry		69	11.8%
Electronic		76	13.0%
Communications		91	15.5%
Medical		26	4.4%
Technical		24	4.1%
Administrative		64	10.9%
Repair		131	22.4%
Craft		29	4.9%
Service		46	7.8%
Non-Occupational		30	5.1%
MISSING	999	10636	
TOTALS:		11222	100.0%

NOTE: This item is stored as a categorical variable with a large number of categories. Values were temporarily collapsed for display in this user's manual.

1978 MASTER RECORD — TAPE POS. 424-426
FORMAT: F3.

M8DDOC = DOD DUTY OCCUPATION CODE

RESPONSE	VALUE	FREQ	PERCENT
Infantry		72	12.2%
Electronic		75	12.7%
Communications		94	15.9%
Medical		26	4.4%
Technical		23	3.9%
Administrative		65	11.0%
Repair		132	22.4%
Craft		28	4.7%
Service		43	7.3%
Non-Occupational		32	5.4%
MISSING	999	10632	
TOTALS:		11222	100.0%

NOTE: This item is stored as a categorical variable with a large number of categories. Values were temporarily collapsed for display in this user's manual.

1978 MASTER RECORD — TAPE POS. 427-428
FORMAT: F2.

M8PG = PAY GRADE

RESPONSE	VALUE	FREQ	PERCENT
E-1	1	10	1.6%
E-2	2	8	1.3%
E-3	3	70	11.5%
E-4	4	218	35.9%
E-5	5	183	30.1%
E-6	6	22	3.6%
W-1	11	1	0.2%
W-2	12	1	0.2%
O-1	21	61	10.0%
O-2	22	34	5.6%
MISSING	99	10614	
TOTALS:		11222	100.0%

1978 MASTER RECORD — TAPE POS. 429-432
FORMAT: 2F2.0

M8DCPG = DATE OF CURRENT PAY GRADE

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC VALUE MONTH	YEAR
MAXIMUM		JUN78	6	78
3RD QUARTILE		NOV77	11	77
MEDIAN		MAR77	3	77
1ST QUARTILE		JUN76	6	76
MINIMUM		MAR73	3	73
MISSING	10618	.	99	99
TOTALS:	11222			

NOTE: This item is stored as a single SAS date value (with format MONYY5.) in the SAS system file. It is stored as two sub-items, month and year (with format 2F2.0), in the EBCDIC character file. An arbitrary day of the month, the 10th, was assigned in creating the date value. This user's manual displays the quartile distribution of the continuous values of this variable.

1978 MASTER RECORD — TAPE POS. 433-434
FORMAT: F2.

M8TIG = TIME IN GRADE

PERCENTILE DISTRIBUTION	VALUE	FREQ
MAXIMUM	63	
3RD QUARTILE	24	
MEDIAN	15	
1ST QUARTILE	7	
MINIMUM	1	
MISSING	99	10618
TOTALS:		11222

NOTE: This item is stored as a continuous variable in the data file. This user's manual displays the quartile distribution of the continuous values of this variable.

1978 MASTER RECORD — TAPE POS. 435-435
FORMAT: F1.

M8MS = MARITAL STATUS

RESPONSE	VALUE	FREQ	PERCENT
Not Married	1	260	43.0%
Married	2	345	57.0%
MISSING	9	10617	
TOTALS:		11222	100.0%

1978 MASTER RECORD — TAPE POS. 436-436
FORMAT: F1.

M8DEPS = NUMBER OF DEPENDENTS

RESPONSE	VALUE	FREQ	PERCENT
None	1	263	43.3%
One	2	164	27.0%
Two	3	116	19.1%
Three	4	56	9.2%
Four	5	7	1.2%
Five	6	2	0.3%
MISSING	9	10614	
TOTALS:		11222	100.0%

1979 MASTER RECORD — TAPE POS. 437-442
FORMAT: 3F2.0

M9BASD = BASIC ACTIVE SERVICE DATE

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC VALUE MONTH	DAY	YEAR
MAXIMUM		10JUN79	6	10	79
3RD QUARTILE		10SEP76	9	10	76
MEDIAN		28JAN75	1	28	75
1ST QUARTILE		10JAN73	1	10	73
MINIMUM		30JUL69	7	30	69
MISSING	10693	.	99	99	99
TOTALS:	11222				

NOTE: This item is stored as a single SAS date value (with format DATE7.) in the SAS system file. It is stored as three sub-items, month, day, and year (with format 3F2.0), in the EBCDIC character file. This user's manual displays the quartile distribution of the continuous date values of this variable.

1979 MASTER RECORD — TAPE POS. 443-448
FORMAT: 3F2.0

M9PEBD = PAY ENTRY BASE DATE

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC VALUE MONTH	DAY	YEAR
MAXIMUM		25MAY79	5	25	79
3RD QUARTILE		04JUN76	6	4	76
MEDIAN		30SEP74	9	30	74
1ST QUARTILE		22OCT72	10	22	72
MINIMUM		30JUL69	7	30	69
MISSING	10693	.	99	99	99
TOTALS:	11222				

NOTE: This item is stored as a single SAS date value (with format DATE7.) in the SAS system file. It is stored as three sub-items, month, day, and year (with format 3F2.0), in the EBCDIC character file. This user's manual displays the quartile distribution of the continuous date values of this variable.

1979 MASTER RECORD — TAPE POS. 449-452
FORMAT: 2F2.0

M9DOLE = DATE OF LATEST ENLISTMENT

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC VALUE MONTH	YEAR
MAXIMUM		JUN79	6	79
3RD QUARTILE		FEB78	2	78
MEDIAN		FEB77	2	77
1ST QUARTILE		MAY76	5	76
MINIMUM		APR73	4	73
MISSING	10700	.	99	99
TOTALS:	11222			

NOTE: This item is stored as a single SAS date value (with format MONYY5.) in the SAS system file. It is stored as two sub-items, month and year (with format 2F2.0), in the EBCDIC character file. An arbitrary day of the month, the 10th, was assigned in creating the date value. This user's manual displays the quartile distribution of the continuous values of this variable.

1979 MASTER RECORD — TAPE POS. 453-453
FORMAT: F1.

M9SOP = SOURCE OF ORIGINAL PROCUREMENT

RESPONSE	VALUE	FREQ	PERCENT
Voluntary Enlistment	1	29	28.2%
Induct, Res Recall	2	33	32.0%
ROTC Non-School	3	20	19.4%
OCS Direct Procurmnt	4	10	9.7%
OCS In-Service	5	2	1.9%
OCS Dir or In-Serv	6	2	1.9%
Direct Appt, MD,DDS	7	1	1.0%
Direct Appt, Other	8	4	3.9%
Aviation Training	9	2	1.9%
MISSING	9	11119	
TOTALS:		11222	100.0%

1979 MASTER RECORD — TAPE POS. 454-454
FORMAT: F1.

M9SVC = SERVICE CODE

RESPONSE	VALUE	FREQ	PERCENT
Army	1	177	33.5%
Navy	2	141	26.7%
Marine Corps	3	30	5.7%
Air Force	4	181	34.2%
MISSING	9	10693	
TOTALS:		11222	100.0%

1979 MASTER RECORD — TAPE POS. 455-455
FORMAT: F1.

M9COMP = SERVICE COMPONENT

RESPONSE	VALUE	FREQ	PERCENT
Regular	1	460	87.0%
Reserve	3	69	13.0%
MISSING	9	10693	
TOTALS:		11222	100.0%

1979 MASTER RECORD — TAPE POS. 456-458
FORMAT: F3.

M9TAFMS = TOTAL ACTIVE FEDERAL MILIT SERVICE

PERCENTILE DISTRIBUTION	VALUE	FREQ
MAXIMUM	119	
3RD QUARTILE	77	
MEDIAN	53	
1ST QUARTILE	33	
MINIMUM	1	
MISSING	999	10693
TOTALS:		11222

NOTE: This item is stored as a continuous variable in the data file. This user's manual displays the quartile distribution of the continuous values of this variable.

1979 MASTER RECORD — TAPE POS. 459-462
FORMAT: 2F2.0

M9ETS = ESTIMATED TIME OF SEPARATION

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC VALUE MONTH	YEAR
MAXIMUM		FEB85	2	85
3RD QUARTILE		APR82	4	82
MEDIAN		MAR81	3	81
1ST QUARTILE		JUN80	6	80
MINIMUM		SEP78	9	78
MISSING	10751	.	99	99
TOTALS:	11222			

NOTE: This item is stored as a single SAS date value (with format MONYY5.) in the SAS system file. It is stored as two sub-items, month and year (with format 2F2.0), in the EBCDIC character file. An arbitrary day of the month, the 20th, was assigned in creating the date value. This user's manual displays the quartile distribution of the continuous values of this variable.

1979 MASTER RECORD — TAPE POS. 463-468
FORMAT: 3F2.0

M9DOS = DATE OF SEPARATION

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC VALUE MONTH	DAY	YEAR
MAXIMUM		20MAY85	5	20	85
3RD QUARTILE		20JUN82	6	20	82
MEDIAN		20MAY81	5	20	81
1ST QUARTILE		20AUG80	8	20	80
MINIMUM		20APR79	4	20	79
MISSING	10967	.	99	99	99
TOTALS:	11222				

NOTE: This item is stored as a single SAS date value (with format DATE7.) in the SAS system file. It is stored as three sub-items, month, day, and year (with format 3F2.0), in the EBCDIC character file. This user's manual displays the quartile distribution of the continuous date values of this variable.

1979 MASTER RECORD — TAPE POS. 469-471
FORMAT: F3.

M9DPOC = DOD PRIMARY OCCUPATION CODE

RESPONSE	VALUE	FREQ	PERCENT
Infantry		48	9.5%
Electronic		61	12.0%
Communications		96	18.9%
Medical		25	4.9%
Technical		21	4.1%
Administrative		71	14.0%
Repair		115	22.7%
Craft		23	4.5%
Service		34	6.7%
Non-Occupational		13	2.6%
MISSING	999	10715	
TOTALS:		11222	100.0%

NOTE: This item is stored as a categorical variable with a large number of categories. Values were temporarily collapsed for display in this user's manual.

1979 MASTER RECORD — TAPE POS. 472-474
FORMAT: F3.

M9DDOC = DOD DUTY OCCUPATION CODE

RESPONSE	VALUE	FREQ	PERCENT
Infantry		47	9.2%
Electronic		60	11.7%
Communications		100	19.6%
Medical		25	4.9%
Technical		22	4.3%
Administrative		73	14.3%
Repair		112	21.9%
Craft		25	4.9%
Service		33	6.5%
Non-Occupational		14	2.7%
MISSING	999	10711	
TOTALS:		11222	100.0%

NOTE: This item is stored as a categorical variable with a large number of categories. Values were temporarily collapsed for display in this user's manual.

1979 MASTER RECORD — TAPE POS. 475-476
FORMAT: F2.

M9PG = PAY GRADE

RESPONSE	VALUE	FREQ	PERCENT
E-1	1	7	1.3%
E-2	2	7	1.3%
E-3	3	42	7.9%
E-4	4	145	27.4%
E-5	5	186	35.2%
E-6	6	34	6.4%
W-1	11	1	0.2%
W-2	12	2	0.4%
O-1	21	28	5.3%
O-2	22	76	14.4%
O-3	23	1	0.2%
MISSING	99	10693	
TOTALS:		11222	100.0%

1979 MASTER RECORD — TAPE POS. 477-480
FORMAT: 2F2.0

M9DCPG = DATE OF CURRENT PAY GRADE

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC VALUE MONTH	YEAR
MAXIMUM		JUN79	6	79
3RD QUARTILE		OCT78	10	78
MEDIAN		APR78	4	78
1ST QUARTILE		JAN77	1	77
MINIMUM		MAR73	3	73
MISSING	10698	.	99	99
TOTALS:	11222			

NOTE: This item is stored as a single SAS date value (with format MONYY5.) in the SAS system file. It is stored as two sub-items, month and year (with format 2F2.0), in the EBCDIC character file. An arbitrary day of the month, the 10th, was assigned in creating the date value. This user's manual displays the quartile distribution of the continuous values of this variable.

1979 MASTER RECORD — TAPE POS. 481-482
FORMAT: F2.

M9TIG = TIME IN GRADE

PERCENTILE DISTRIBUTION	VALUE	FREQ
MAXIMUM	75	
3RD QUARTILE	29	
MEDIAN	14	
1ST QUARTILE	8	
MINIMUM	1	
MISSING	99	10698
TOTALS:		11222

NOTE: This item is stored as a continuous variable in the data file. This user's manual displays the quartile distribution of the continuous values of this variable.

1979 MASTER RECORD — TAPE POS. 483-483
FORMAT: F1.

M9MS = MARITAL STATUS

RESPONSE	VALUE	FREQ	PERCENT
Not Married	1	183	34.7%
Married	2	344	65.3%
MISSING	9	10695	
TOTALS:		11222	100.0%

1979 MASTER RECORD — TAPE POS. 484-484
FORMAT: F1.

M9DEPS = NUMBER OF DEPENDENTS

RESPONSE	VALUE	FREQ	PERCENT
None	1	190	36.1%
One	2	144	27.3%
Two	3	116	22.0%
Three	4	63	12.0%
Four	5	12	2.3%
Five	6	2	0.4%
MISSING	9	10695	
TOTALS:		11222	100.0%

MOST RECENT LOSS RECORD — TAPE POS. 485-490
FORMAT: 3F2.0

L1BASD = BASIC ACTIVE SERVICE DATE

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC VALUE MONTH	DAY	YEAR
MAXIMUM		17JUL79	7	17	79
3RD QUARTILE		26FEB74	2	26	74
MEDIAN		18JAN73	1	18	73
1ST QUARTILE		27AUG72	8	27	72
MINIMUM		30JUL69	7	30	69
MISSING	9768	.	99	99	99
TOTALS:	11222				

NOTE: This item is stored as a single SAS date value (with format DATE7.) in the SAS system file. It is stored as three sub-items, month, day, and year (with format 3F2.0), in the EBCDIC character file. This user's manual displays the quartile distribution of the continuous date values of this variable.

MOST RECENT LOSS RECORD — TAPE POS. 491-494
FORMAT: 2F2.0

L1DOLE = DATE OF LATEST ENLISTMENT

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC VALUE MONTH	YEAR
MAXIMUM		JUL80	7	80
3RD QUARTILE		MAR75	3	75
MEDIAN		JUN73	6	73
1ST QUARTILE		SEP72	9	72
MINIMUM		FEB71	2	71
MISSING	9790	.	99	99
TOTALS:	11222			

NOTE: This item is stored as a single SAS date value (with format MONYY5.) in the SAS system file. It is stored as two sub-items, month and year (with format 2F2.0), in the EBCDIC character file. An arbitrary day of the month, the 10th, was assigned in creating the date value. This user's manual displays the quartile distribution of the continuous values of this variable.

MOST RECENT LOSS RECORD — TAPE POS. 495-497
FORMAT: F3.

L1TAFMS = TOTAL ACTIVE FEDERAL MILIT SERVICE

PERCENTILE DISTRIBUTION	VALUE	FREQ
MAXIMUM	107	
3RD QUARTILE	48	
MEDIAN	36	
1ST QUARTILE	24	
MINIMUM	1	
MISSING	999	9769
TOTALS:		11222

NOTE: This item is stored as a continuous variable in the data file. This user's manual displays the quartile distribution of the continuous values of this variable.

MOST RECENT LOSS RECORD — TAPE POS. 498-503
FORMAT: 3F2.0

L1DOS = DATE OF SEPARATION

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC VALUE MONTH	DAY	YEAR
MAXIMUM		29DEC79	12	29	79
3RD QUARTILE		01OCT77	10	1	77
MEDIAN		10JUL76	7	10	76
1ST QUARTILE		12MAY75	5	12	75
MINIMUM		07MAR72	3	7	72
MISSING	9766	.	99	99	99
TOTALS:	11222				

NOTE: This item is stored as a single SAS date value (with format DATE7.) in the SAS system file. It is stored as three sub-items, month, day, and year (with format 3F2.0), in the EBCDIC character file. This user's manual displays the quartile distribution of the continuous date values of this variable.

MOST RECENT LOSS RECORD — TAPE POS. 504-505
FORMAT: F2.

L1ISC = INTERSERVICE SEPARATION CODE

RESPONSE	VALUE	FREQ	PERCENT
TRANSACTION		260	17.9%
RELEASED		752	51.6%
Medical		82	5.6%
HARDSHIP		26	1.8%
DEATH		9	0.6%
BECAME OFFICR		8	0.5%
FAILURE		274	18.8%
OTHER		45	3.1%
MISSING	99	9766	
TOTALS:		11222	100.0%

NOTE: This item is stored as a categorical variable with a large number of categories. Values were temporarily collapsed for display in this user's manual.

MOST RECENT LOSS RECORD — TAPE POS. 506-508
FORMAT: A3.

L1SPD = SEPARATION PROGRAM DESIGNATOR

RESPONSE	VALUE	FREQ	PERCENT
ALPHA CODE		441	100.0%
MISSING (BLANK)		781	
TOTALS:		11222	100.0%

NOTE: This item is stored as a categorical variable with a large number of categories. Values were temporarily collapsed for display in this user's manual.

MOST RECENT LOSS RECORD — TAPE POS. 509-509
FORMAT: F1.

L1RE = RE-ENLISTMENT ELIGIBILITY

RESPONSE	VALUE	FREQ	PERCENT
Eligble to Re-enl	1	649	63.3%
Ineligible	2	376	36.7%
MISSING	9	10197	
TOTALS:		11222	100.0%

MOST RECENT LOSS RECORD — TAPE POS. 510-512
FORMAT: F3.

L1DPOC = DOD PRIMARY OCCUPATION CODE

RESPONSE	VALUE	FREQ	PERCENT
Infantry		220	17.1%
Electronic		126	9.8%
Communications		100	7.8%
Medical		65	5.1%
Technical		33	2.6%
Administrative		195	15.2%
Repair		293	22.8%
Craft		58	4.5%
Service		153	11.9%
Non-Occupational		44	3.4%
MISSING	999	9935	
TOTALS:		11222	100.0%

NOTE: This item is stored as a categorical variable with a large number of categories. Values were temporarily collapsed for display in this user's manual.

MOST RECENT LOSS RECORD — TAPE POS. 513-515
FORMAT: F3.

L1DDOC = DOD DUTY OCCUPATION CODE

RESPONSE	VALUE	FREQ	PERCENT
Infantry		175	18.6%
Electronic		90	9.5%
Communications		75	8.0%
Medical		36	3.8%
Technical		32	3.4%
Administrative		165	17.5%
Repair		189	20.0%
Craft		28	3.0%
Service		134	14.2%
Non-Occupational		19	2.0%
MISSING	999	10279	
TOTALS:		11222	100.0%

NOTE: This item is stored as a categorical variable with a large number of categories. Values were temporarily collapsed for display in this user's manual.

MOST RECENT LOSS RECORD — TAPE POS. 516-517
FORMAT: F2.

L1PG = PAY GRADE

RESPONSE	VALUE	FREQ	PERCENT
E-1	1	183	12.6%
E-2	2	140	9.6%
E-3	3	220	15.1%
E-4	4	638	43.8%
E-5	5	251	17.3%
E-6	6	16	1.1%
O-1	21	3	0.2%
O-2	22	4	0.3%
MISSING	99	9767	
TOTALS:		11222	100.0%

MOST RECENT LOSS RECORD — TAPE POS. 518-521
FORMAT: 2F2.0

L1DCPG = DATE OF CURRENT PAY GRADE

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC VALUE MONTH	YEAR
MAXIMUM		JUL79	7	79
3RD QUARTILE		JUN76	6	76
MEDIAN		APR75	4	75
1ST QUARTILE		APR74	4	74
MINIMUM		JUN71	6	71
MISSING	9793	.	99	99
TOTALS:	11222			

NOTE: This item is stored as a single SAS date value (with format MONYY5.) in the SAS system file. It is stored as two sub-items, month and year (with format 2F2.0), in the EBCDIC character file. An arbitrary day of the month, the 10th, was assigned in creating the date value. This user's manual displays the quartile distribution of the continuous values of this variable.

MOST RECENT LOSS RECORD — TAPE POS. 522-523
FORMAT: F2.

L1TIG = TIME IN GRADE

PERCENTILE DISTRIBUTION	VALUE	FREQ
MAXIMUM	73	
3RD QUARTILE	19	
MEDIAN	12	
1ST QUARTILE	6	
MINIMUM	1	
MISSING	99	9796
TOTALS:		11222

NOTE: This item is stored as a continuous variable in the data file. This user's manual displays the quartile distribution of the continuous values of this variable.

MOST RECENT LOSS RECORD — TAPE POS. 524-524
FORMAT: F1.

L1MS = MARITAL STATUS

RESPONSE	VALUE	FREQ	PERCENT
Not Married	1	730	60.6%
Married	2	474	39.4%
MISSING	9	10018	
TOTALS:		11222	100.0%

MOST RECENT LOSS RECORD — TAPE POS. 525-525
FORMAT: F1.

L1DEPS = NUMBER OF DEPENDENTS

RESPONSE	VALUE	FREQ	PERCENT
None	1	918	63.8%
One	2	301	20.9%
Two	3	143	9.9%
Three	4	60	4.2%
Four	5	11	0.8%
Five	6	2	0.1%
MISSING	9	9787	
TOTALS:		11222	100.0%

2ND RECENT LOSS RECORD — TAPE POS. 526-531
FORMAT: 3F2.0

L2BASD = BASIC ACTIVE SERVICE DATE

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC VALUE MONTH	DAY	YEAR
MAXIMUM		09AUG76	8	9	76
3RD QUARTILE		10APR73	4	10	73
MEDIAN		03OCT72	10	3	72
1ST QUARTILE		10JUL72	7	10	72
MINIMUM		30JUL69	7	30	69
MISSING	11057	.	99	99	99
TOTALS:	11222				

NOTE: This item is stored as a single SAS date value (with format DATE7.) in the SAS system file. It is stored as three sub-items, month, day, and year (with format 3F2.0), in the EBCDIC character file. This user's manual displays the quartile distribution of the continuous date values of this variable.

2ND RECENT LOSS RECORD — TAPE POS. 532-535
FORMAT: 2F2.0

L2DOLE = DATE OF LATEST ENLISTMENT

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC VALUE MONTH	YEAR
MAXIMUM		SEP77	9	77
3RD QUARTILE		DEC74	12	74
MEDIAN		JAN73	1	73
1ST QUARTILE		AUG72	8	72
MINIMUM		JUL69	7	69
MISSING	11059	.	99	99
TOTALS:	11222			

NOTE: This item is stored as a single SAS date value (with format MONYY5.) in the SAS system file. It is stored as two sub-items, month and year (with format 2F2.0), in the EBCDIC character file. An arbitrary day of the month, the 10th, was assigned in creating the date value. This user's manual displays the quartile distribution of the continuous values of this variable.

2ND RECENT LOSS RECORD — TAPE POS. 536-537
FORMAT: F2.

L2TAFMS = TOTAL ACTIVE FEDERAL MILIT SERVICE

PERCENTILE DISTRIBUTION	VALUE	FREQ
MAXIMUM	70	
3RD QUARTILE	48	
MEDIAN	34	
1ST QUARTILE	24	
MINIMUM	1	
MISSING	99	11057
TOTALS:		11222

NOTE: This item is stored as a continuous variable in the data file. This user's manual displays the quartile distribution of the continuous values of this variable.

2ND RECENT LOSS RECORD — TAPE POS. 538-543
FORMAT: 3F2.0

L2DOS = DATE OF SEPARATION

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC VALUE MONTH	DAY	YEAR
MAXIMUM		11JUL79	7	11	79
3RD QUARTILE		17SEP76	9	17	76
MEDIAN		13OCT75	10	13	75
1ST QUARTILE		27NOV74	11	27	74
MINIMUM		08APR72	4	8	72
MISSING	11057	.	99	99	99
TOTALS:	11222				

NOTE: This item is stored as a single SAS date value (with format DATE7.) in the SAS system file. It is stored as three sub-items, month, day, and year (with format 3F2.0), in the EBCDIC character file. This user's manual displays the quartile distribution of the continuous date values of this variable.

2ND RECENT LOSS RECORD — TAPE POS. 544-545
FORMAT: F2.

L2ISC = INTERSERVICE SEPARATION CODE

RESPONSE	VALUE	FREQ	PERCENT
TRANSACTION		142	86.1%
RELEASED		17	10.3%
MEDICAL		1	0.6%
FAILURE		4	2.4%
OTHER		1	0.6%
MISSING	99	11057	
TOTALS:		11222	100.0%

NOTE: This item is stored as a categorical variable with a large number of categories. Values were temporarily collapsed for display in this user's manual.

2ND RECENT LOSS RECORD — TAPE POS. 546-548
FORMAT: A3.

L2SPD = SEPARATION PROGRAM DESIGNATOR

RESPONSE	VALUE	FREQ	PERCENT
ALPHA CODE		159	100.0%
MISSING (BLANK)		11063	
TOTALS:		11222	100.0%

NOTE: This item is stored as a categorical variable with a large number of categories. Values were temporarily collapsed for display in this user's manual.

2ND RECENT LOSS RECORD — TAPE POS. 549-549
FORMAT: F1.

L2RE = RE-ENLISTMENT ELIGIBILITY

RESPONSE	VALUE	FREQ	PERCENT
Eligble to Re-enl	1	111	83.5%
Ineligible	2	22	16.5%
MISSING	9	11089	
TOTALS:		11222	100.0%

2ND RECENT LOSS RECORD — TAPE POS. 550-552 — FORMAT: F3.

L2DPOC = DOD PRIMARY OCCUPATION CODE

RESPONSE	VALUE	FREQ	PERCENT
Infantry		28	17.5%
Electronic		20	12.5%
Communications		17	10.6%
Medical		3	1.9%
Technical		1	0.6%
Administrative		28	17.5%
Repair		34	21.3%
Craft		6	3.8%
Service		20	12.5%
Non-Occupational		3	1.9%
MISSING	999	11062	
TOTALS:		11222	100.0%

NOTE: This item is stored as a categorical variable with a large number of categories. Values were temporarily collapsed for display in this user's manual.

2ND RECENT LOSS RECORD — TAPE POS. 553-555 — FORMAT: F3.

L2DDOC = DOD DUTY OCCUPATION CODE

RESPONSE	VALUE	FREQ	PERCENT
Infantry		21	18.1%
Electronic		14	12.1%
Communications		9	7.8%
Medical		3	2.6%
Technical		1	0.9%
Administrative		24	20.7%
Repair		21	18.1%
Craft		4	3.4%
Service		18	15.5%
Non-Occupational		1	0.9%
MISSING	999	11106	
TOTALS:		11222	100.0%

NOTE: This item is stored as a categorical variable with a large number of categories. Values were temporarily collapsed for display in this user's manual.

2ND RECENT LOSS RECORD — TAPE POS. 556-556 — FORMAT: F1.

L2PG = PAY GRADE

RESPONSE	VALUE	FREQ	PERCENT
E-1	1	12	7.3%
E-2	2	10	6.1%
E-3	3	16	9.7%
E-4	4	98	59.4%
E-5	5	28	17.0%
E-6	6	1	0.6%
MISSING	9	11057	
TOTALS:		11222	100.0%

2ND RECENT LOSS RECORD — TAPE POS. 557-560 — FORMAT: 2F2.0

L2DCPG = DATE OF CURRENT PAY GRADE

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC VALUE MONTH	EBCDIC VALUE YEAR
MAXIMUM		MAR78	3	78
3RD QUARTILE		OCT75	10	75
MEDIAN		AUG74	8	74
1ST QUARTILE		NOV73	11	73
MINIMUM		MAR70	3	70
MISSING	11069	.	99	99
TOTALS:	11222			

NOTE: This item is stored as a single SAS date value (with format MONYY5.) in the SAS system file. It is stored as two sub-items, month and year (with format 2F2.0), in the EBCDIC character file. An arbitrary day of the month, the 10th, was assigned in creating the date value. This user's manual displays the quartile distribution of the continuous values of this variable.

2ND RECENT LOSS RECORD — TAPE POS. 561-562 — FORMAT: F2.

L2TIG = TIME IN GRADE

PERCENTILE DISTRIBUTION	VALUE	FREQ
MAXIMUM	42	
3RD QUARTILE	15	
MEDIAN	10	
1ST QUARTILE	5	
MINIMUM	1	
MISSING	99	11069
TOTALS:		11222

NOTE: This item is stored as a continuous variable in the data file. This user's manual displays the quartile distribution of the continuous values of this variable.

2ND RECENT LOSS RECORD — TAPE POS. 563-563 — FORMAT: F1.

L2MS = MARITAL STATUS

RESPONSE	VALUE	FREQ	PERCENT
Not Married	1	70	66.7%
Married	2	35	33.3%
MISSING	9	11117	
TOTALS:		11222	100.0%

2ND RECENT LOSS RECORD — TAPE POS. 564-564, FORMAT: F1.

L2DEPS = NUMBER OF DEPENDENTS

RESPONSE	VALUE	FREQ	PERCENT
None	1	108	71.1%
One	2	29	19.1%
Two	3	13	8.6%
Three	4	2	1.3%
MISSING	9	11070	
TOTALS:		11222	100.0%

EDITED NLS-72 SURVEY ITEM — TAPE POS. 565-570, FORMAT: 3F2.0

CBIRTH = COMPOSITE BIRTHDATE

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC VALUE MONTH	DAY	YEAR
MAXIMUM		22MAR56	3	22	56
3RD QUARTILE		08AUG54	8	8	54
MEDIAN		09APR54	4	9	54
1ST QUARTILE		11DEC53	12	11	53
MINIMUM		14JAN50	1	14	50
MISSING	69	.	99	99	99
TOTALS:	11222				

NOTE: This item is stored as a single SAS date value (with format DATE7.) in the SAS system file. It is stored as three sub-items, month, day, and year (with format 3F2.0), in the EBCDIC character file. This user's manual displays the quartile distribution of the continuous date values of this variable.

EDITED NLS-72 SURVEY ITEM — TAPE POS. 571-571, FORMAT: F1.

INDEX = LAST YEAR OF NLS-72 DATA

RESPONSE	VALUE	FREQ	PERCENT
	0	219	2.0%
	2	398	3.5%
	3	529	4.7%
	5	1035	9.2%
	8	9041	80.6%
TOTALS:		11222	100.0%

EDITED NLS-72 SURVEY ITEM — TAPE POS. 572-572, FORMAT: F1.

MIL = EVER KNOWN TO HAVE SERVED

RESPONSE	VALUE	FREQ	PERCENT
No	0	9464	84.3%
Yes	1	1758	15.7%
TOTALS:		11222	100.0%

EDITED NLS-72 SURVEY ITEM — TAPE POS. 573-573, FORMAT: F1.

DRAFT = NLS-72 SAYS DRAFTED

RESPONSE	VALUE	FREQ	PERCENT
No	0	1495	99.1%
Yes	1	14	0.9%
MISSING	9	9713	
TOTALS:		11222	100.0%

EDITED NLS-72 SURVEY ITEM — TAPE POS. 574-574, FORMAT: F1.

OFFICR = SERVED AS AN OFFICER

RESPONSE	VALUE	FREQ	PERCENT
No	0	1459	94.5%
Yes	1	85	5.5%
MISSING	9	9678	
TOTALS:		11222	100.0%

EDITED NLS-72 SURVEY ITEM — TAPE POS. 575-575, FORMAT: F1.

SERV2 = ACTIVE DUTY OCT 1972

RESPONSE	VALUE	FREQ	PERCENT
No	0	10430	94.8%
Yes	1	569	5.2%
MISSING	9	223	
TOTALS:		11222	100.0%

EDITED NLS-72 SURVEY ITEM — TAPE POS. 576-576, FORMAT: F1.

SERV3 = ACTIVE DUTY OCT 1973

RESPONSE	VALUE	FREQ	PERCENT
No	0	9971	91.1%
Yes	1	978	8.9%
MISSING	9	273	
TOTALS:		11222	100.0%

EDITED NLS-72 SURVEY ITEM — TAPE POS. 577-577, FORMAT: F1.

SERV4 = ACTIVE DUTY OCT 1974

RESPONSE	VALUE	FREQ	PERCENT
No	0	9531	90.4%
Yes	1	1007	9.6%
MISSING	9	684	
TOTALS:		11222	100.0%

EDITED NLS-72 SURVEY ITEM — TAPE POS. 578-578 — FORMAT: F1.

SERV5 = ACTIVE DUTY OCT 1975

RESPONSE	VALUE	FREQ	PERCENT
No	0	9104	91.0%
Yes	1	904	9.0%
MISSING	9	1214	
TOTALS:		11222	100.0%

EDITED NLS-72 SURVEY ITEM — TAPE POS. 579-579 — FORMAT: F1.

SERV6 = ACTIVE DUTY OCT 1976

RESPONSE	VALUE	FREQ	PERCENT
No	0	9245	92.7%
Yes	1	727	7.3%
MISSING	9	1250	
TOTALS:		11222	100.0%

EDITED NLS-72 SURVEY ITEM — TAPE POS. 580-580 — FORMAT: F1.

SERV7 = ACTIVE DUTY OCT 1977

RESPONSE	VALUE	FREQ	PERCENT
No	0	8454	93.8%
Yes	1	558	6.2%
MISSING	9	2210	
TOTALS:		11222	100.0%

EDITED NLS-72 SURVEY ITEM — TAPE POS. 581-581 — FORMAT: F1.

SERV8 = ACTIVE DUTY OCT 1978

RESPONSE	VALUE	FREQ	PERCENT
No	0	8508	94.5%
Yes	1	492	5.5%
MISSING	9	2222	
TOTALS:		11222	100.0%

EDITED NLS-72 SURVEY ITEM — TAPE POS. 582-582 — FORMAT: F1.

SERV9 = ACTIVE DUTY OCT 1979

RESPONSE	VALUE	FREQ	PERCENT
No	0	8567	95.3%
Yes	1	426	4.7%
MISSING	9	2229	
TOTALS:		11222	100.0%

EDITED NLS-72 SURVEY ITEM — TAPE POS. 583-583 — FORMAT: F1.

RES1 = RESERVE DUTY OCT 1973

RESPONSE	VALUE	FREQ	PERCENT
No	0	10273	98.8%
Yes	1	128	1.2%
MISSING	9	821	
TOTALS:		11222	100.0%

EDITED NLS-72 SURVEY ITEM — TAPE POS. 584-584 — FORMAT: F1.

RES2 = RESERVE DUTY OCT 1974

RESPONSE	VALUE	FREQ	PERCENT
No	0	9946	98.6%
Yes	1	141	1.4%
MISSING	9	1135	
TOTALS:		11222	100.0%

EDITED NLS-72 SURVEY ITEM — TAPE POS. 585-585 — FORMAT: F1.

RES3 = RESERVE DUTY OCT 1976

RESPONSE	VALUE	FREQ	PERCENT
No	0	9367	98.5%
Yes	1	147	1.5%
MISSING	9	1708	
TOTALS:		11222	100.0%

EDITED NLS-72 SURVEY ITEM — TAPE POS. 586-586 — FORMAT: F1.

RES4 = RESERVE DUTY OCT 1979

RESPONSE	VALUE	FREQ	PERCENT
No	0	8575	97.8%
Yes	1	195	2.2%
MISSING	9	2452	
TOTALS:		11222	100.0%

EDITED NLS-72 SURVEY ITEM

TAPE POS. 587-587
FORMAT: F1.

BRANCH = BRANCH OF SERVICE

RESPONSE	VALUE	FREQ	PERCENT
Air Force	1	504	28.4%
Army	2	605	34.1%
Navy	3	451	25.4%
Marine Corps	4	180	10.1%
Coast Guard	5	26	1.5%
Nationl Guard	6	5	0.3%
Reserves	7	4	0.2%
MISSING	9	9447	
TOTALS:		11222	100.0%

EDITED NLS-72 SURVEY ITEM

TAPE POS. 588-591
FORMAT: 2F2.0

ENTDAT = MONTH & YEAR BEGAN ACTIVE DUTY

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC VALUE MONTH	YEAR
MAXIMUM		JAN80	1	80
3RD QUARTILE		AUG74	8	74
MEDIAN		FEB73	2	73
1ST QUARTILE		AUG72	8	72
MINIMUM		APR69	4	69
MISSING	9487	.	99	99
TOTALS:	11222			

NOTE: This item is stored as a single SAS date value (with format MONYY5.) in the SAS system file. It is stored as two sub-items, month and year (with format 2F2.0), in the EBCDIC character file. An arbitrary day of the month, the 10th, was assigned in creating the date value. This user's manual displays the quartile distribution of the continuous values of this variable.

EDITED NLS-72 SURVEY ITEM

TAPE POS. 592-595
FORMAT: 2F2.0

SEPDAT = MONTH & YEAR LEFT ACTIVE DUTY

PERCENTILE DISTRIBUTION	FREQ	SAS VALUE	EBCDIC VALUE MONTH	YEAR
MAXIMUM		APR80	4	80
3RD QUARTILE		MAR77	3	77
MEDIAN		APR76	4	76
1ST QUARTILE		NOV74	11	74
MINIMUM		JAN71	1	71
MISSING	10201	.	99	99
TOTALS:	11222			

NOTE: This item is stored as a single SAS date value (with format MONYY5.) in the SAS system file. It is stored as two sub-items, month and year (with format 2F2.0), in the EBCDIC character file. An arbitrary day of the month, the 20th, was assigned in creating the date value. This user's manual displays the quartile distribution of the continuous values of this variable.

APPENDIX A: LIST OF RELATED NLS-72 DATA FILES

Merged Base-Year Through Fourth Follow-Up Data File. This data file contains test data and responses to each of the five survey questionnaires for the 1972 senior cohort; it includes one record, containing 3,524 data fields, for each of 22,652 former seniors. It may be merged with either the school and counselor data file, the school district census data file, the CEEB institutional data base file, or the NLS-72/DMDC military records data file. These data provide information on test scores, high school course work, school, family, and work experiences, educational and occupational aspirations, personal values, and military experiences of sample participants, covering nearly eight years from spring 1972 to fall 1979.

School and Counselor Data File. In high schools that were sampled by the NLS-72, school administrators were asked for information regarding their school, and high school counselors were asked about their background and work. The 1972 questionnaires gathered information from 1,318 schools on school organization and enrollment, course offerings, special services and programs, library and other resources, time scheduling, and grading systems. They gathered information from the counselors on work loads, counseling practices and facilities, experience with student financial aid programs, age ethnicity, training, and counseling experience. The data from the high school and counselor data file can be merged with the student data file or to the school district census data file using the school codes and stratum numbers common to all files.

School District Census Data File. This file contains standard census tables on family income, population, residence, educational enrollments and attainments, family composition, unemployment, occupation, poverty, and public assistance tabulated by school district boundaries, for school districts in which sampled NLS-72 high schools were located. This data set can be merged with the student data file or to the high school and counselor data file using the school codes and stratum numbers common to all files.

Transcript Data File. This file contains postsecondary school transcript data for each NLS-72 sample member that attended some kind of postsecondary school or training program. The transcripts were collected in 1984 and contain information on dates of attendance, entrance examination scores, degrees and honors conferred, major field of study, rank in class, and, for each course taken, a six-digit subject matter code, a course grade, and credits received. This data set can be merged with the student data file using the FICE codes and student ID numbers common to these files.

CEEB Institutional Data Base. This data file contains 84 variables on 4,139 postsecondary institutions from four sources: the 1973-74 Tripartite Application data file, the 1972-73 Higher Education General Information System (HEGIS) Finance survey, the 1973-74 Higher Education Directory, and the 1972 American Council on Education (ACE) Institutional Characteristics data file. These data can be merged to NLS-72 student records by the common FICE codes on both files.

APPENDIX B: RECORD LAYOUT OF THE NLS-72/DMDC MILITARY RECORDS FILE

VARIABLE NAME	LOCATION START-END	DATA FORMAT	VARIABLE LABEL
RTI_ID	1-5	F5.0	RTI STUDENT ID NUMBER
SCHCODE	6-9	F4.0	SCHOOL CODE
FINSTNO	10-12	F3.0	FINAL STRATUM NUMBER
ACCFLAG	13-13	F1.0	ACCESSION RECORD MATCH FLAG
MSTFLAG2	14-14	F1.0	MASTER 1972 RECORD MATCH FLAG
MSTFLAG3	15-15	F1.0	MASTER 1973 RECORD MATCH FLAG
MSTFLAG4	16-16	F1.0	MASTER 1974 RECORD MATCH FLAG
MSTFLAG5	17-17	F1.0	MASTER 1975 RECORD MATCH FLAG
MSTFLAG6	18-18	F1.0	MASTER 1976 RECORD MATCH FLAG
MSTFLAG7	19-19	F1.0	MASTER 1977 RECORD MATCH FLAG
MSTFLAG8	20-20	F1.0	MASTER 1978 RECORD MATCH FLAG
MSTFLAG9	21-21	F1.0	MASTER 1979 RECORD MATCH FLAG
LOSFLAG1	22-22	F1.0	MOST RECENT LOSS RECORD MATCH FLAG
LOSFLAG2	23-23	F1.0	NEXT MOST RECENT LOSS RECORD MATCH FLAG
MSMATCHN	24-24	F1.0	NAME MISMATCH FLAG
AAFEES	25-26	F2.0	AFEES STATION
ACR	27-28	F2.0	CENSUS REGION, HOR
AZIPF	29-31	F3.0	ZIP CODE-1ST THREE DIGITS, HOR
ASTATE	32-33	F2.0	STATE OF RESIDENCE, HOR
ADOBYR	34-35	F2.0	YEAR OF BIRTH
AAAE	36-37	F2.0	AGE AT ENTRY
AHYED	38-39	F2.0	HIGHEST YEAR OF EDUCATION
ARACE	40-40	F1.0	RACE
ARETH	41-41	F1.0	RACE-ETHNICITY
AMS	42-42	F1.0	MARITAL STATUS
AMTFN	43-44	F2.0	MENTAL TEST FORM NUMBER
AAFQT	45-46	F2.0	AFQT PERCENTILE
AASVAB1	47-49	F3.0	ASVAB TEST SCORE 1
AASVAB2	50-52	F3.0	ASVAB TEST SCORE 2
AASVAB3	53-55	F3.0	ASVAB TEST SCORE 3
AASVAB4	56-58	F3.0	ASVAB TEST SCORE 4
AASVAB5	59-61	F3.0	ASVAB TEST SCORE 5
AASVAB6	62-64	F3.0	ASVAB TEST SCORE 6
AASVAB7	65-67	F3.0	ASVAB TEST SCORE 7
AASVAB8	68-70	F3.0	ASVAB TEST SCORE 8
AASVAB9	71-73	F3.0	ASVAB TEST SCORE 9
AASVAB10	74-76	F3.0	ASVAB TEST SCORE 10
AASVAB11	77-78	F2.0	ASVAB TEST SCORE 11
AASVAB12	79-80	F2.0	ASVAB TEST SCORE 12
AASVAB13	81-82	F2.0	ASVAB TEST SCORE 13
AASVAB14	83-84	F2.0	ASVAB TEST SCORE 14
AASVAB15	85-86	F2.0	ASVAB TEST SCORE 15
AASVAB16	87-88	F2.0	ASVAB TEST SCORE 16
ACCTYPE	89-89	F1.0	ACCESSION VARIABLE TYPE
ASOA	90-91	F2.0	SERVICE OF ACCESSION
APS	92-92	F1.0	PRIOR SERVICE
AMFC1	93-94	F2.0	PRIMARY MEDICAL FAILURE CODE
ADOE	95-100	3F2.0	DATE OF ENTRY
ATERM	101-101	F1.0	TERM OF ENLISTMENT
APG	102-102	F1.0	PAY GRADE
ADOEDEP	103-108	3F2.0	DATE OF ENTRY TO DELAYED ENTRY PROG
M2BASD	109-114	3F2.0	BASIC ACTIVE SERVICE DATE
M2PEBD	115-120	3F2.0	PAY ENTRY BASE DATE
M2DOLE	121-124	2F2.0	DATE OF LATEST ENLISTMENT
M2SOP	125-125	F1.0	SOURCE OF ORIGINAL PROCUREMENT
M2SVC	126-126	F1.0	SERVICE CODE
M2COMP	127-127	F1.0	SERVICE COMPONENT
M2TAFMS	128-129	F2.0	TOTAL ACTIVE FEDERAL MILIT SERVICE
M2ETS	130-133	2F2.0	ESTIMATED TIME OF SEPARATION
M2DOS	134-139	3F2.0	DATE OF SEPARATION

RECORD LAYOUT OF THE NLS-72/DMDC MILITARY RECORDS FILE (continued)

VARIABLE NAME	LOCATION START-END	DATA FORMAT	VARIABLE LABEL
M2DPOC	140-142	F3.0	DOD PRIMARY OCCUPATION CODE
M2DDOC	143-145	F3.0	DOD DUTY OCCUPATION CODE
M2PG	146-146	F1.0	PAY GRADE
M2DCPG	147-150	2F2.0	DATE OF CURRENT PAY GRADE
M2TIG	151-152	F2.0	TIME IN GRADE
M2MS	153-153	F1.0	MARITAL STATUS
M2DEPS	154-154	F1.0	NUMBER OF DEPENDENTS
M3BASD	155-160	3F2.0	BASIC ACTIVE SERVICE DATE
M3PEBD	161-166	3F2.0	PAY ENTRY BASE DATE
M3DOLE	167-170	2F2.0	DATE OF LATEST ENLISTMENT
M3SOP	171-171	F1.0	SOURCE OF ORIGINAL PROCUREMENT
M3SVC	172-172	F1.0	SERVICE CODE
M3COMP	173-173	F1.0	SERVICE COMPONENT
M3TAFMS	174-175	F2.0	TOTAL ACTIVE FEDERAL MILIT SERVICE
M3ETS	176-179	2F2.0	ESTIMATED TIME OF SEPARATION
M3DOS	180-185	3F2.0	DATE OF SEPARATION
M3DPOC	186-188	F3.0	DOD PRIMARY OCCUPATION CODE
M3DDOC	189-191	F3.0	DOD DUTY OCCUPATION CODE
M3PG	192-192	F1.0	PAY GRADE
M3DCPG	193-196	2F2.0	DATE OF CURRENT PAY GRADE
M3TIG	197-198	F2.0	TIME IN GRADE
M3MS	199-199	F1.0	MARITAL STATUS
M3DEPS	200-200	F1.0	NUMBER OF DEPENDENTS
M4BASD	201-206	3F2.0	BASIC ACTIVE SERVICE DATE
M4PEBD	207-212	3F2.0	PAY ENTRY BASE DATE
M4DOLE	213-216	2F2.0	DATE OF LATEST ENLISTMENT
M4SOP	217-217	F1.0	SOURCE OF ORIGINAL PROCUREMENT
M4SVC	218-218	F1.0	SERVICE CODE
M4COMP	219-219	F1.0	SERVICE COMPONENT
M4TAFMS	220-221	F2.0	TOTAL ACTIVE FEDERAL MILIT SERVICE
M4ETS	222-225	2F2.0	ESTIMATED TIME OF SEPARATION
M4DOS	226-231	3F2.0	DATE OF SEPARATION
M4DPOC	232-234	F3.0	DOD PRIMARY OCCUPATION CODE
M4DDOC	235-237	F3.0	DOD DUTY OCCUPATION CODE
M4PG	238-239	F2.0	PAY GRADE
M4DCPG	240-243	2F2.0	DATE OF CURRENT PAY GRADE
M4TIG	244-245	F2.0	TIME IN GRADE
M4MS	246-246	F1.0	MARITAL STATUS
M4DEPS	247-247	F1.0	NUMBER OF DEPENDENTS
M5BASD	248-253	3F2.0	BASIC ACTIVE SERVICE DATE
M5PEBD	254-259	3F2.0	PAY ENTRY BASE DATE
M5DOLE	260-263	2F2.0	DATE OF LATEST ENLISTMENT
M5SOP	264-264	F1.0	SOURCE OF ORIGINAL PROCUREMENT
M5SVC	265-265	F1.0	SERVICE CODE
M5COMP	266-266	F1.0	SERVICE COMPONENT
M5TAFMS	267-268	F2.0	TOTAL ACTIVE FEDERAL MILIT SERVICE
M5ETS	269-272	2F2.0	ESTIMATED TIME OF SEPARATION
M5DOS	273-278	3F2.0	DATE OF SEPARATION
M5DPOC	279-281	F3.0	DOD PRIMARY OCCUPATION CODE
M5DDOC	282-284	F3.0	DOD DUTY OCCUPATION CODE
M5PG	285-286	F2.0	PAY GRADE
M5DCPG	287-290	2F2.0	DATE OF CURRENT PAY GRADE
M5TIG	291-292	F2.0	TIME IN GRADE
M5MS	293-293	F1.0	MARITAL STATUS
M5DEPS	294-294	F1.0	NUMBER OF DEPENDENTS
M6BASD	295-300	3F2.0	BASIC ACTIVE SERVICE DATE
M6PEBD	301-306	3F2.0	PAY ENTRY BASE DATE
M6DOLE	307-310	2F2.0	DATE OF LATEST ENLISTMENT
M6SOP	311-311	F1.0	SOURCE OF ORIGINAL PROCUREMENT
M6SVC	312-312	F1.0	SERVICE CODE
M6COMP	313-313	F1.0	SERVICE COMPONENT

RECORD LAYOUT OF THE NLS-72/DMDC MILITARY RECORDS FILE (continued)

VARIABLE NAME	LOCATION START-END	DATA FORMAT	VARIABLE LABEL
M6TAFMS	314-315	F2.0	TOTAL ACTIVE FEDERAL MILIT SERVICE
M6ETS	316-319	2F2.0	ESTIMATED TIME OF SEPARATION
M6DOS	320-325	3F2.0	DATE OF SEPARATION
M6DPOC	326-328	F3.0	DOD PRIMARY OCCUPATION CODE
M6DDOC	329-331	F3.0	DOD DUTY OCCUPATION CODE
M6PG	332-333	F2.0	PAY GRADE
M6DCPG	334-337	2F2.0	DATE OF CURRENT PAY GRADE
M6TIG	338-339	F2.0	TIME IN GRADE
M6MS	340-340	F1.0	MARITAL STATUS
M6DEPS	341-341	F1.0	NUMBER OF DEPENDENTS
M7BASD	342-347	3F2.0	BASIC ACTIVE SERVICE DATE
M7PEBD	348-353	3F2.0	PAY ENTRY BASE DATE
M7DOLE	354-357	2F2.0	DATE OF LATEST ENLISTMENT
M7SOP	358-358	F1.0	SOURCE OF ORIGINAL PROCUREMENT
M7SVC	359-359	F1.0	SERVICE CODE
M7COMP	360-360	F1.0	SERVICE COMPONENT
M7TAFMS	361-362	F2.0	TOTAL ACTIVE FEDERAL MILIT SERVICE
M7ETS	363-366	2F2.0	ESTIMATED TIME OF SEPARATION
M7DOS	367-372	3F2.0	DATE OF SEPARATION
M7DPOC	373-375	F3.0	DOD PRIMARY OCCUPATION CODE
M7DDOC	376-378	F3.0	DOD DUTY OCCUPATION CODE
M7PG	379-380	F2.0	PAY GRADE
M7DCPG	381-384	2F2.0	DATE OF CURRENT PAY GRADE
M7TIG	385-386	F2.0	TIME IN GRADE
M7MS	387-387	F1.0	MARITAL STATUS
M7DEPS	388-388	F1.0	NUMBER OF DEPENDENTS
M8BASD	389-394	3F2.0	BASIC ACTIVE SERVICE DATE
M8PEBD	395-400	3F2.0	PAY ENTRY BASE DATE
M8DOLE	401-404	2F2.0	DATE OF LATEST ENLISTMENT
M8SOP	405-405	F1.0	SOURCE OF ORIGINAL PROCUREMENT
M8SVC	406-406	F1.0	SERVICE CODE
M8COMP	407-407	F1.0	SERVICE COMPONENT
M8TAFMS	408-410	F3.0	TOTAL ACTIVE FEDERAL MILIT SERVICE
M8ETS	411-414	2F2.0	ESTIMATED TIME OF SEPARATION
M8DOS	415-420	3F2.0	DATE OF SEPARATION
M8DPOC	421-423	F3.0	DOD PRIMARY OCCUPATION CODE
M8DDOC	424-426	F3.0	DOD DUTY OCCUPATION CODE
M8PG	427-428	F2.0	PAY GRADE
M8DCPG	429-432	2F2.0	DATE OF CURRENT PAY GRADE
M8TIG	433-434	F2.0	TIME IN GRADE
M8MS	435-435	F1.0	MARITAL STATUS
M8DEPS	436-436	F1.0	NUMBER OF DEPENDENTS
M9BASD	437-442	3F2.0	BASIC ACTIVE SERVICE DATE
M9PEBD	443-448	3F2.0	PAY ENTRY BASE DATE
M9DOLE	449-452	2F2.0	DATE OF LATEST ENLISTMENT
M9SOP	453-453	F1.0	SOURCE OF ORIGINAL PROCUREMENT
M9SVC	454-454	F1.0	SERVICE CODE
M9COMP	455-455	F1.0	SERVICE COMPONENT
M9TAFMS	456-458	F3.0	TOTAL ACTIVE FEDERAL MILIT SERVICE
M9ETS	459-462	2F2.0	ESTIMATED TIME OF SEPARATION
M9DOS	463-468	3F2.0	DATE OF SEPARATION
M9DPOC	469-471	F3.0	DOD PRIMARY OCCUPATION CODE
M9DDOC	472-474	F3.0	DOD DUTY OCCUPATION CODE
M9PG	475-476	F2.0	PAY GRADE
M9DCPG	477-480	2F2.0	DATE OF CURRENT PAY GRADE
M9TIG	481-482	F2.0	TIME IN GRADE
M9MS	483-483	F1.0	MARITAL STATUS
M9DEPS	484-484	F1.0	NUMBER OF DEPENDENTS
L1BASD	485-490	3F2.0	BASIC ACTIVE SERVICE DATE
L1DOLE	491-494	2F2.0	DATE OF LATEST ENLISTMENT
L1TAFMS	495-497	F3.0	TOTAL ACTIVE FEDERAL MILIT SERVICE

RECORD LAYOUT OF THE NLS-72/DMDC MILITARY RECORDS FILE (continued)

VARIABLE NAME	LOCATION START-END	DATA FORMAT	VARIABLE LABEL
L1DOS	498-503	3F2.0	DATE OF SEPARATION
L1ISC	504-505	F2.0	INTERSERVICE SEPARATION CODE
L1SPD	506-508	A3.0	SEPARATION PROGRAM DESIGNATOR
L1RE	509-509	F1.0	RE-ENLISTMENT ELIGIBILITY
L1DPOC	510-512	F3.0	DOD PRIMARY OCCUPATION CODE
L1DDOC	513-515	F3.0	DOD DUTY OCCUPATION CODE
L1PG	516-517	F2.0	PAY GRADE
L1DCPG	518-521	2F2.0	DATE OF CURRENT PAY GRADE
L1TIG	522-523	F2.0	TIME IN GRADE
L1MS	524-524	F1.0	MARITAL STATUS
L1DEPS	525-525	F1.0	NUMBER OF DEPENDENTS
L2BASD	526-531	3F2.0	BASIC ACTIVE SERVICE DATE
L2DOLE	532-535	2F2.0	DATE OF LATEST ENLISTMENT
L2TAFMS	536-537	F2.0	TOTAL ACTIVE FEDERAL MILIT SERVICE
L2DOS	538-543	3F2.0	DATE OF SEPARATION
L2ISC	544-545	F2.0	INTERSERVICE SEPARATION CODE
L2SPD	546-548	A3.0	SEPARATION PROGRAM DESIGNATOR
L2RE	549-549	F1.0	RE-ENLISTMENT ELIGIBILITY
L2DPOC	550-552	F3.0	DOD PRIMARY OCCUPATION CODE
L2DDOC	553-555	F3.0	DOD DUTY OCCUPATION CODE
L2PG	556-556	F1.0	PAY GRADE
L2DCPG	557-560	2F2.0	DATE OF CURRENT PAY GRADE
L2TIG	561-562	F2.0	TIME IN GRADE
L2MS	563-563	F1.0	MARITAL STATUS
L2DEPS	564-564	F1.0	NUMBER OF DEPENDENTS
CBIRTH	565-570	3F2.0	COMPOSITE BIRTHDATE
INDEX	571-571	F1.0	LAST YEAR OF NLS-72 DATA
MIL	572-572	F1.0	EVER KNOWN TO HAVE SERVED
DRAFT	573-573	F1.0	NLS-72 SAYS DRAFTED
OFFICR	574-574	F1.0	SERVED AS AN OFFICER
SERV2	575-575	F1.0	ACTIVE DUTY OCT 1972
SERV3	576-576	F1.0	ACTIVE DUTY OCT 1973
SERV4	577-577	F1.0	ACTIVE DUTY OCT 1974
SERV5	578-578	F1.0	ACTIVE DUTY OCT 1975
SERV6	579-579	F1.0	ACTIVE DUTY OCT 1976
SERV7	580-580	F1.0	ACTIVE DUTY OCT 1977
SERV8	581-581	F1.0	ACTIVE DUTY OCT 1978
SERV9	582-582	F1.0	ACTIVE DUTY OCT 1979
RES1	583-583	F1.0	RESERVE DUTY OCT 1973
RES2	584-584	F1.0	RESERVE DUTY OCT 1974
RES3	585-585	F1.0	RESERVE DUTY OCT 1976
RES4	586-586	F1.0	RESERVE DUTY OCT 1979
BRANCH	587-587	F1.0	BRANCH OF SERVICE
ENTDAT	588-591	2F2.0	MONTH & YEAR BEGAN ACTIVE DUTY
SEPDAT	592-595	2F2.0	MONTH & YEAR LEFT ACTIVE DUTY

APPENDIX C. HOME OF RECORD STATE FIPS CODES, 3-DIGIT ZIP CODES, AND REGION

STATE	CODE	THREE DIGIT ZIPS	REGION
Alabama	01	350-369	6
Alaska	02	995-999	9
Arizona	04	850-865	8
Arkansas	05	716-729	7
California	06	900-966	9
Colorado	08	800-816	8
Connecticut	09	060-069	1
Delaware	10	197-199	5
Dist. of Columbia	11	200-205	5
Florida	12	320-399	5
Georgia	13	300-319	5
Hawaii	15	967-968	9
Idaho	16	832-838	8
Illinois	17	600-629	3
Indiana	18	460-479	3
Iowa	19	500-528	4
Kansas	20	660-279	4
Kentucky	21	400-427	6
Louisiana	22	700-714	7
Maine	23	039-049	1
Maryland	24	206-219	5
Massachusetts	25	010-027	1
Michigan	26	480-499	3
Minnesota	27	550-567	4
Mississippi	28	386-397	6
Missouri	29	630-658	4
Montana	30	590-599	8
Nebraska	31	680-693	4
Nevada	32	890-898	8
New Hampshire	33	030-038	1
New Jersey	34	070-089	2
New Mexico	35	870-884	8
New York	36	090-149	2
North Carolina	37	270-289	5
North Dakota	38	570-577	4
Ohio	39	430-458	3
Oklahoma	40	730-749	7
Oregon	41	970-196	2
Pennsylvania	42	150-196	2
Rhode Island	44	028-029	1
South Carolina	45	290-299	5
South Dakota	46	570-577	4
Tennessee	47	370-385	6
Texas	48	750-799	7
Utah	49	840-847	8
Vermont	50	050-059	1
Virginia	51	220-246	5
Washington	53	980-994	9
West Virginia	54	247-268	5
Wisconsin	55	530-549	3
Wyoming	56	820-831	8

APPENDIX D. SUBTEST APTITUDE AREAS FOR VARIOUS MENTAL TESTS

Armed Services Vocational Aptitude Battery (ASVAB 8/9/10 and maximum values).

GS = General Science (25)
AR = Arithmetic Reasoning (30)
WK = Word Knowledge (35)
PC = Paragraph Comprehension (15)
NO = Numerical Operations (50)
CS = Coding Speed (84)
AS = Automotive/Shop (25)
MK = Math Knowledge (25)
MC = Mechanical Comprehension (25)
EI = Electronics Information (20)
VE = Verbal (50) actually (WK&PC)

Armed Service Vocational Aptitude Battery (ASVAB 5/6/7 and maximum values).

GI = General Information (15)
NO = Numerical Operations (50)
AD = Attention to Detail (30)
WK = Math Knowledge (30)
AR = Arithmetic Reasoning (20)
SP = Space Perception (20)
MK = Math Knowledge (20)
EI - Electronic Information (30)
MC = Mechanical Comprehension (20)
GS = General Science (20)
SI = Shop Information (20)
AI = Automotive Information (20)

Classification Inventory

CM = Maintenance (20)
CA = Attentiveness (20)
CE = Electronics (20)
CC = Combat (27)

Army Classification Battery (ACB)

CO = Combat
FA = Field Artillery
EL = Electronic
OF = Operators and Foods
GM = General Maintenance
MM = Motor Maintenance
CL = Clerical
ST = Skilled Technical
GT = General Technical
SC = Surveillance/Communication

Army Qualification Battery (AQB)

IN = Infantry/Combat
AE = Armor Artillery/Engineer
GM = General Maintenance
EL = Electronics
MN = Motor Maintenance
CL = Clerical
GT = General Technical

Basic Test Battery (BTB)

GCT = General Classification Test
ARI = Arithmetic
MECH = Mechanical
CST = Clerical
EST = Electronic
SHOP = Shop Information

Airman Qualification Examination (AQE)

M = Mechanical
A = Arithmetic
G = General
E = Electronic

Short Basic Test Battery (SBTB)

GCI = General
ARI = Arithmetic
MECH = Mechanical

APPENDIX E. ARMED FORCES EXAMINATION AND ENTRY STATION (AFEES) CODES

1. Albany, NY
2. Ashland, KY
3. Baltimore, MD
4. Bangor, ME
5. Beckley, WV
6. Boston, MA
7. Buffalo, NY
8. Cincinnati, OH
9. Cleveland, OH
10. Columbus, OH
11. Fairmont, WV
12. Harrisburg, PA
13. Louisville, KY
14. Manchester, NH
15. Newark, NJ
16. New Haven, CT
17. Whitehall, NY
18. Philadelphia, PA
19. Pittsburgh, PA
20. Portland, ME
21. Providence, RI
22. Richmond, VA
23. Roanoke, VA
24. Springfield, MA
25. Syracuse, NY
26. Wilkes-Barre, PA
27. Ft. Hamilton, NY
28. Atlanta, GA
29. Charlotte, NC
30. Coral Gables, FL
31. Ft. Jackson, SC
32. Jackson, MS
33. Jacksonville, FL
34. Knoxville, TN
35. Memphis, TN
36. Montgomery, AL
37. Nashville, TN
38. Raleigh, NC
39. San Juan, PR
40. Abilene, TX
41. Albuquerque, NM
42. Amarillo, TX
43. Dallas, TX
44. El Paso, TX
45. Houston, TX
46. Little Rock, AR
47. New Orleans, LA
48. Oklahoma City, OK
49. San Antonio, TX
50. Shreveport, LA
51. Chicago, IL
52. Denver, Co
53. Des Moines, IA
54. Detroit, MI
55. Fargo, ND
56. Indianapolis, IN
57. Kansas City, MO
58. Milwaukee, WI
59. Minneapolis, MN
60. Omaha, NE
61. Sioux Falls, SD
62. St. Louis, MO
63. Boise, ID
64. Butte, MT
65. Salt Lake City, UT
66. Fresno, CA
67. Los Angeles, CA
68. Oakland, CA
69. Phoenix, AZ
70. Portland, OR
71. Seattle, MA
72. Spokane, WA
73. Anchorage, AK
74. Honolulu, HI
75. Guam
76. San Diego, CA
77. Atlantic ENL
78. Pacific ENL

APPENDIX F. MILITARY OCCUPATIONAL CODES

DoD Occ. ENLISTED:	Title	DOD Occ. OFFICER:	Title
010	Infantry, General		
011	Special Forces		
012	Military Training Instructor		
020	Armor and Amphibious, General		
030	Combat Engineering, General		
041	Artillery and Gunnery		
043	Missile Artillery, Operating Crew		
050	Air Crew, General		
051	Pilots and Navigators		
060	Boatswains		
061	Navigators		
062	Small Boat Operators		
063	Seamanship, General		
070	Security, Guards		
100	Radio/Radar, General		
101	Communications Radio	101	General and Flag
102	Navigation, Communication and Countermeasure, n.e.c.	102	Executives, n.e.c.
103	Air Traffic Control Radar		
104	Surveillance/Target Acquisition and Tracking Radar		
111	Bomb-Navigation		
112	Airborne Fire Control		
113	Shipboard and Other Fire Control		
121	Missile Guidance and Control		
122	Missile Checkout Equipment, Test Equipment, and Calibration		
123	Torpedo		
130	Sonar, General		
140	Nuclear Weapons Equipment Repair, General		
150	ADP Computers, General		
160	Teletype and Cryptographic Equipment, General		
191	Training Devices		
193	Shipboard Inertial Navigation Systems		
198	Electronic Instruments, n.e.c.		
201	Radio Code	201	Fixed-Wing Fighter and Bomber Pilots
202	Non-Code Radio	202	Other Fixed-Wing Pilots
203	Non-Radio Communications (Visual)	203	Helicopter Pilots
		204	Aircraft Crews
		205	Ground and Naval Arms
		206	Missiles
		207	Operations Staff
		208	Civilian Pilots
210	Sonar Operator, General		
221	Radar		
222	Air Traffic Control		
230	Signal Intelligence/Electronic Warfare, General		
231	Intercept (Code and Non-Code)		
232	Analysis		
233	Electronic Countermeasures		
241	Language Interrogation/Interpretation		
242	Image Interpretation		
243	Operational Intelligence		
244	Counterintelligence		
250	Combat Operations Control, General		

DoD Occ. ENLISTED:	Title	DOD Occ. OFFICER:	Title
260	Communications Center Operations, General		
300	Medical Care and Treatment, General		
301	Operating Room	301	Intelligence, General
302	Mental Care	302	Communications Intelligence
303	Therapy	303	Counterintelligence
304	Orthopedic		
311	Laboratory		
312	Pharmacy		
313	Radiology		
321	Food Inspection and Veterinary Services		
322	Preventive Medical Services		
330	Dental Care, General		
331	Dental Laboratory		
400	Photography, General		
		401	Construction and Utilities
		402	Electrical/Electronic
		403	Communications and Radar
		404	Aviation Maintenance and Allied
		405	Ordnance
		406	Missile Maintenance
		407	Ship Construction and Maintenance
		408	Ship Machinery
		410	Safety
411	Mapping	411	Chemical
412	Surveying	412	Automotive and Allied
413	Drafting	413	Surveying and Mapping
414	Illustrating	414	Other
420	Weather, General		
431	EOD/UDT		
433	Diver		
450	Musicians, General		
491	Physical Science Laboratory		
492	Memorial Activities and Embalming		
492	Safety		
494	Nuclear, Biological, and Chemical Warfare Specialists		
495	Firefighting and Damage Control		
496	Other Technical Specialists and Assistants		
500	Personnel, General		
501	Recruiting and Counseling	501	Physical Scientists
		502	Meterologists
		503	Biological Scientists
		504	Social Scientists
		505	Psychologists
		506	Legal
		507	Chaplains
		508	Social Workers
510	Administration, General	510	Mathematicians and Statistics
511	Stenography	511	Educators and Instructors
512	Legal	512	Research and Development Coordinators
513	Medical Activities Officers	513	Community
		514	Scientists and Professionals, n.e.c.

DoD Occ. ENLISTED:	Title	DOD Occ. OFFICER:	Title
520	Combined Personnel and Administration, General		
521	First Sergeants and Sergeants Major		
531	Operators/Analysts		
532	Programmers		
541	Auditing and Accounting		
542	Disbursing		
551	Supply Administration		
552	Unit Supply		
553	Transportation		
554	Postal		
555	Aviation Maintenance Records and Reports		
556	Flight Operations		
557	Production and Quality Control		
558	Functional Analysis		
561	Chaplain's Assistants		
562	Recreation and Welfare		
570	Information and Education, General		
600	Aircraft, General		
601	Aircraft Engines	601	Physicians
602	Aircraft Accessories		
603	Aircraft Structures	603	Dentists
604	Aircraft Launch Equipment		
		605	General Nurses
		606	Nursing Specialists
		607	Veterinarians
		608	Allied Medical
610	Automotive, General		
611	Track Vehicle		
612	Construction Equipment		
620	Wire Communications, General		
621	Lineman		
622	Central Office		
623	Interior Communications		
631	Missile Engine		
632	Missile Mechanic		
633	Missile Launch and Support Facilities		
640	Armament Maintenance, General		
641	Small Arms Repair		
642	Artillery Repair		
643	Turret Repair		
644	Nuclear Weapons Maintenance and Assembly		
645	Ammunition Repair		
646	Aviation Ordnance		
647	Mines and Degaussing		
651	Main Propulsion		
652	Auxiliaries		
661	Nuclear Power		
662	Electric Power		
670	Precision Equipment, General		
690	Other Mechanical and Electrical Equipment, General		
700	Metalworking, General		
701	Welding	701	Administrators, General
702	Machinist	702	Training Administrators
703	Sheetmetal	703	Manpower and Personnel
704	Metal Body Repair	704	Comptrollers and Fiscal

MILITARY OCCUPATIONAL CODES (continued)

DoD Occ. ENLISTED:	Title	DOD Occ. OFFICER:	Title
		705	Data Processing
		706	Pictorial
		707	Information
		708	Police
710	Construction, General		
711	Steelworking		
712	Woodworking	712	Inspection
713	Construction Equipment Operation	713	Medical Administration
		714	Morale and Welfare
720	Utilities, General		
721	Electrician		
740	Lithography, General		
750	Industrial Gas and Fuel Production, General		
760	Fabric, Leather, and Rubber, General		
790	Other Craftsmen, n.e.c., General		
800	Food Service, General		
801	Stewards and Enlisted Aides	801	Logistics, General
		802	Supply
		803	Transportation
		804	Procurement and Production
		805	Food Service
		806	Exchange and Commissary
		807	Other
811	Motor Vehicle Operators		
812	Railway Operators		
821	Missile Fuel and Petroleum		
822	Warehousing and Equipment Handling		
823	Sales Store		
830	Law Enforcement, General		
831	Corrections		
832	Investigations		
840	Laundry and Personal Service, General		
850	Auxiliary Labor, General		
860	Forward Area Equipment Support, General		
870	Other Services, General		
901	Patients	901	Patients
902	Prisoners	902	Students
		905	Others
911	Cadets and Other Officer Candidates		
912	Students		
920	Undesignated Occupations, General		
950	Not Occupationally Qualified, General		

APPENDIX G. INTERSERVICE SEPARATION CODES

The interservice separation codes (ISC) were developed to enable meaningful cross-service comparison of separation reason for both enlisted and officer personnel. Originally developed with separation program numbers (SPN), the ISC codes are now based on the DoD Standard Data Element, Separation Program Designator (SPD). ISC codes, in addition to providing cross-service comparisons, now also enable longitudinal comparison of separation reason in spite on the change from SPN to SPD.

ISC codes are meaningful at the one and two digit level. The first position of the code puts the cause for separation in a broad category (e.g., 0=release from active service); the second position specifies the cause within that broad category. For officers, the ISC code is a direct conversion from the SPD code. For enlisted personnel, ISC codes are an interaction between SPD and character of service (as honorable or otherwise).

Part I: Enlisted	Part II: Officer
Release from active service	**Release from active service**
00 Transactions: Immediate Re-enlistment, Enlistment Extension, Dropped from Rolls, Record Correction	00 Transactions: Immediate Re-enlistment, Enlistment Extension, Dropped from Rolls, Record Correction
01 Expiration of Term of Service	01 Expiration of Term of Service
02 Early Release-Insufficient Retainability	02 Voluntary-to Attend School or to Teach
13 Early Release-to Attend School	03 Voluntary-in the National Interest
04 Early Release-Police Duty	04 Voluntary-Unqualified Resignation
05 Early Release-In the National Interest	05 Voluntary-Other Reasons
06 Early Release-Seasonal Employment	06 Involuntary-Temporary Officer Reverts to Enlisted Service
07 Early Release-to Teach	07 Involuntary-Maximum Age or Maximum Service
08 Early Release-Other	08 Involuntary-Other Reasons
Medical Disqualifications	**Medical Disqualifications**
10 Condition Existing Prior to Service	10 Condition Existing Prior to Service
11 Disability-Severance Pay	11 Disability-Severance Pay
12 Permanent Disability-Retired	12 Permanent Disability-Retired
13 Temporary Disability-Retired	13 Temporary Disability-Retired
14 Disability-Non EPTS-No Severance Pay	
15 Unqualified for Active Duty-Other	15 Disability-Title 10 Requirement
	16 Unqualified for Active Duty-Other
Dependency or Hardship	**Hardship**
20 Dependency	20 Dependency
21 Hardship	21 Hardship
22 Dependency or Hardship	22 Dependency or Hardship
Death	**Death**
30 Battle Casualty	30 Battle Casualty
31 Non-Battle-Disease	31 Non-Battle-Disease
32 Non-Battle-Other	32 Non-Battle-Other
33 Death-Cause Not Specified	33 Death-Cause Not Specified

INTERSERVICE SEPARATION CODES (Continued)

Part I: Enlisted	Part II: Officer
Entry into Officer Programs	
40 Officer Commissioning Program	
41 Warrant Officer Program	
42 Service Academy	
Retirement (Other than Medical)	**Retirement (Other than Medical)**
50 20-30 Years of Service	50 20-30 Years of Service
51 Over 30 Years of Service	51 Over 30 Years of Service
52 Other Categories	52 Other Categories
	53 Failure of Selection for Promotion
Failure to Meet Minimum Behavioral and Performance Criteria	**Failure to Meet Minimum Behavioral and Performance Criteria**
60 Character or Behavior Disorder	
61 Motivational Problems	61 Substandard Performance of Duty
62 Enuresis	
63 Ineptitude	63 Failure of Course of Instruction
64 Alcoholism	64 Alcoholism
65 Discreditable Incidents-Civilian or Military	
66 Shirking	
67 Drugs	67 Drugs
68 Financial Irresponsibility	68 Financial Irresponsibility
69 Lack of Dependent Support	
70 Unsanitary Habits	
71 Civil Court Conviction	
72 Security	72 Security
73 Court Martial	73 Court Martial
74 Fraudulent Entry	
75 AWOL, Desertion	75 AWOL, Desertion
76 Homosexuality	76 Homosexuality
77 Sexual Perversion	
78 Good of the Service	78 Good of the Service
79 Juvenile Offender	79 Failure of Selection for Promotion
80 Misconduct-Reason Unknown	80 Unsuitability-Other
81 Unfitness-Reason Unknown	81 Unfitness or Unacceptable Conduct
82 Unsuitability-Reason Unknown	
84 Basic Training Attrition	
85 Failure to Meet Minimum Qualifications for Retention	85 Failure to Meet Minimum Requirements for Retention
86 Expeditious Discharge	
87 Trainee Discharge	
Other Separations or Discharges	**Other Separations or Discharges**
90 Secretarial Authority	90 Secretarial Authority
91 Erroneous Enlistment or Induction	
92 Sole Surviving Son	
93 Marriage	93 Marriage
94 Pregnancy	94 Pregnancy
95 Minority	
96 Conscientious Objector	96 Conscientious Objector
97 Parenthood	97 Parenthood
98 Breach of Contract	
99 Other	99 Other